



#### **Vessel Characteristics**

Length, Overall:	308.1 ft	93.9 m			
Beam:	68.9 ft	21 m			
Depth:	26.9 ft	8.2 m			
Maximum Draft:	21.7 ft	6.6 m			
Light Draft:	11.1 ft	3.4 m			
Minimum Height:	99.4 ft	30.3 m			
Freeboard:	5.3 ft	1.6 m			
Displacement:	8,440 lt	8,580 mt			
Deadweight:	4,800 lt	4,880 mt			
Clear Deck Space:	201 x 58 ft	61 x 18 m			
Clear Deck Area:	11,500 ft <sup>2</sup>	1,070 m <sup>2</sup>			
Deck Strength AFT:	2,050 lb/ft²	10 t/m²			
Class Notations:	DNV: +1A1, Fire fighter(I), Supply vessel, Clean, COM-F(V-3), DK(+), DYNPOS(AUTR), E0, HL(2.8), Ice(C), LFL(*), NAUT(OSV(A)), OILREC, SF				

#### **Capacities**

•		
Deck Cargo:	3,070 lt	3,120 t
Fuel Oil:	348,000 gal	1,320 m <sup>3</sup>
Potable Water:	83,300 gal	320 m <sup>3</sup>
Fresh Water:	178,000 gal	670 m <sup>3</sup>
Drill/Ballast Water:	385,000 gal	1,460 m <sup>3</sup>
Bulk Tanks (8 tanks):	12,500 ft³	350 m <sup>3</sup>
Liquid Mud (2.8 SG*): *Max Structural Specific Gravity	5,730 bbl	910 m <sup>3</sup>
Methanol:	1,300 bbl	210 m <sup>3</sup>
Base Oil:	1,510 bbl	240 m <sup>3</sup>
Brine:	2,540 bbl	400 m <sup>3</sup>
Fire Fighting Foam:	530 gal	2 m <sup>3</sup>

## **TIDEWATER**

#### Find out more

#### Further Specifications Pa 4

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## Further specifications



#### **Machinery**

Diesel Electric Vessel							
Propulsive/Total HP:	5,900 / 9,470						
Z-Drives:	Yes						
Propellers (2):	AQUAMASTER AZP120, 2200KW CPP						
Primary Generators (4):	1,660 kw	690 v	60 hz				
Driven by:	RRM C25:33L6A						
Emergency Generators (1):	150 kw	690 v	60 hz				
Driven by:	SCANIA DI 12 62M						
Bow Thruster (3):	2x RR TT2400 DPN TT FP, 1x RR TCNS 73/50						
Driven by:		895KW ELECTRIC MOTORS					
Total Thrust:		45 st	40.8 mt				

#### **Deck Equipment**

Anchors (2):	4320 KG SPEK
Anchor Chain:	270 m of 50 mm chain per side
Windlass:	2x 20 MT RRM
Crane (2):	10 t @ 10 m
Tugger (1):	15 t RRM

#### **Accommodations**

No. of Berths:	25
Cabins:	13x1-man & 6x2-man
Certified to Carry:	25
Galley seating:	14
Hospital:	Yes

#### Registration

Flag: NORWAY	Home Port: SANDNES					
Hull Number: 47	<b>IMO N<sup>o</sup>:</b> 9381691					
Year Built: 2008	Call Sign: JWOW3					
Builder:	Brevik Construction AS					
Tonnage (ITC):	4755 GT 1760 NT					

#### **Performance\***

Fuel Consumption Vs Speed						
Maximum:	27 m³/day (300 gph) @ 16.5 knots					
Cruising:	17 m³,	/day (190 gph) @ 12.2 knots				
Economical:	14.5 m <sup>3</sup>	/day (160 gph) @ 11.3 knots				
Standby:	2.9 m³/day (31.9 gph) @ 0 knots					
Range @ 12.2 Knots:	22,500 nm					
Transfer Rates						
Fuel Oil:	1100 gpm @ 300 ft	250 m³/h @ 92 m				
Fresh Water:	1100 gpm @ 300 ft	250 m³/h @ 92 m				
Drill/Ballast Water:	1100 gpm @ 300 ft	250 m³/h @ 92 m				
Bulk:	26 cfm @ 190 ft	44.1 m³/h @ 57 m				
Liquid Mud:	550 gpm @ 800 ft	120 m³/h @ 240 m				
Base Oil:	660 gpm @ 300 ft	150 m³/h @ 92 m				
Brine:	440 gpm @ 800 ft	100 m³/h @ 240 m				
Methanol:	440 gpm @ 300 ft	100 m³/h @ 92 m				

### **Nav/Comms Equipment**

2
1
3
2
1
3 x VHF; 1 x SSB
2X INMARSAT-C

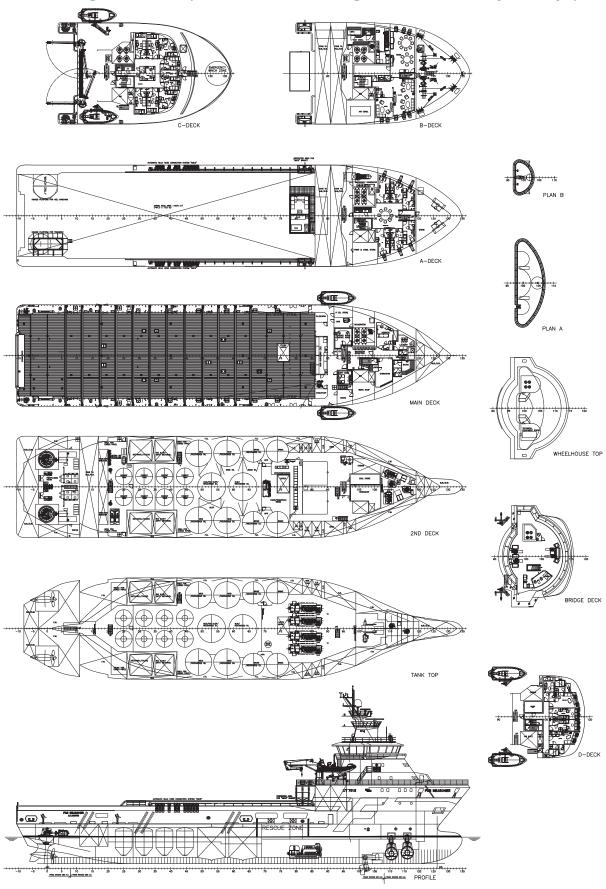
### **Special Equipment**

Firefighting:	FiFi-1
Dynamic Positioning:	DP-2
Ref. Systems:	2 x MRU; 2 x DGPS 1 x Microwave-based; 1 x Laser-based
Mud Circulation System/ Mud Mixers:	Yes/Yes
Tank Cleaning:	Yes
Rescue Zone:	Yes
Rescue Boat:	2x 10-Man Springer MP 800 FRC
Misc:	ORO Capacity - 1113.4 m3; MSD - 25 Persons; HPR Room; Eye Wash Station, Winching Zone, Dacon Scoop SB

<sup>\*</sup>Approximate values assuming Ideal Conditions

## General Arrangement (Current configuration may vary.)





## Capacity Table



Tank	Contents	Volume m <sup>3</sup>	Base Oil	Fuel Oil	Dry Bulk	DW/WB	Potable Water	Fresh Water	Brine	Liquid Mud	Methanol	Lube Oil	Foam	Oil Disp.
FOREPEAK TK	DW/WB	163.7				163.7								
FO DB TK 7 C	DW/WB	63.1				63.1								
AFT PEAK TK SB	DW/WB	107.8				107.8								
AFT PEAK TK PS	DW/WB	107.8				107.8								
ROLL RED. TK 1	DW/WB	349.9				349.9								
ROLL RED. TK 2	DW/WB	310.2				310.2								
ROLL RED. TK 3	DW/WB	354.2				354.2								
FW DB/WG TK 1 SB	Ship's FW	157.7					157.7							
FW DB/WG TK 1 PS	Ship's FW	157.7					157.7							
FW DB/WG TK 2 SB	FW	115.8						115.8						
FW DB/WG TK 2 PS	FW	117.2						117.2						
FW DB/WG TK 7 SB	FW	82.8						82.8						
FW DB/WG TK 7 PS	FW	82.8						82.8						
FW WG TK 8 SB	FW	137.6						137.6						
FW WG TK 8 PS	FW	137.6						137.6						
FO DB/WG TK 3 SB	FO	150.6		150.6				137.0						
FO DB/WG TK 3 9B	FO	154.4		154.4										
FO DB/WG TK 4 SB	FO	211.1		211.1										
FO DB/WG TK 4 SB	FO	211.1		211.1										
	-			218.8										
FO DB/WG TK 5 SB	FO	238.0												
FO DB/WG TK 5 PS	FO	275.0		275.0										
FO DB TK 6 C	FO	70.7		70.7										
FO SERV TK SB	FO	36.9		36.9										
FO SERV TK PS	FO	36.9		36.9										
FO SETTL TK SB	FO	38.3		38.3										
FO DRAIN TK	FO	18.3		18.3										
FO OVERFLOW	FO	39.3		39.3										
BO TK 4 C	ВО	118.3	118.3											
BO TK 5 C	ВО	121.6	121.6											
METH TK 1 SB	METH	103.3									103.3			
METH TK 1 PS	METH	103.3									103.3			
CIRCULAR TK 1 C	LM/ORO	165.3								165.3				
CIRCULAR TK 2 C	LM/RS/ORO	165.3								165.3				
CIRCULAR TK 1 SB	BRI	101.1							101.1					
CIRCULAR TK 1 PS	BRI	101.1							101.1					
CIRCULAR TK 2 SB	BRI/ORO	101.1							101.1					
CIRCULAR TK 2 PS	BRI/ORO	101.1							101.1					
CIRCULAR TK 3 SB	LM/ORO	145.1								145.1				
CIRCULAR TK 3 PS	LM/ORO	145.1								145.1				
CIRCULAR TK 4 SB	LM/ORO	145.1								145.1				
CIRCULAR TK 4 PS	LM/ORO	145.1								145.1				
DRY BULK 1	DRY BULK	44.1			44.1									
DRY BULK 2	DRY BULK	44.1			44.1									
DRY BULK 3	DRY BULK	44.1			44.1									
DRY BULK 4	DRY BULK	44.1			44.1									
DRY BULK 5	DRY BULK	44.1			44.1									
DRY BULK 6	DRY BULK	44.1			44.1									
DRY BULK 7	DRY BULK	44.1			44.1									
DRY BULK 8	DRY BULK	44.1			44.1									
LO TK 1 PS	LO	3.5										3.5		
LO TK 1 PS	LO	7.0										7.0		
LO TK 3 PS	LO	3.5										3.5		
LO TK 4 PS	LO	13.0										13.0		
LO TK 5 PS	LO	3.5										3.5		
LO TK 6 PS	LO	7.0										7.0		
FOAM TANK	FOAM	2.0										7.0	2.0	
TOAN TANK	POAM	2.0											2.0	
		olume [m³]				-	315.3	673.8	404.5	911.2	206.5	37.7	2.0	0.0
*Capacities shown are fo	pec Sheet Total Vo					1,456.6	315.3	673.8	404.5	911.2	206.5	37.7	2.0	0.0

<sup>\*</sup>Capacities shown are for lead vessel. Actual capacities may vary slightly.

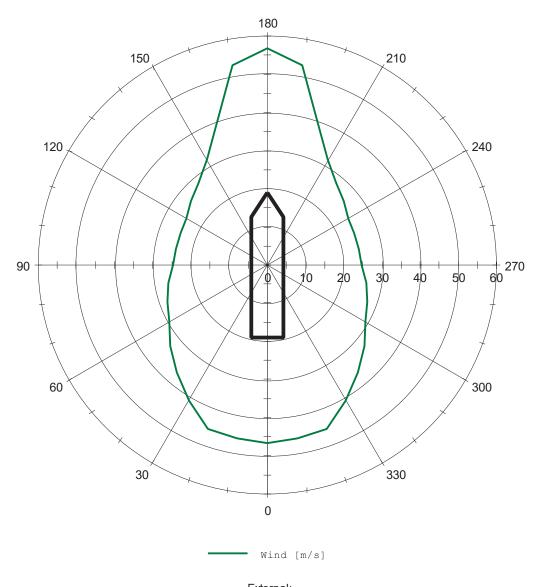
 $<sup>^{\</sup>star}$ Capacities shown in RED are excluded from the total volume.

<sup>\*</sup>Capacities shown in **BLUE** are included in another Tank's Capacity.

<sup>\*</sup>Capacities shown in GREEN are counted for multiple Tank Capacities.

## DP Capability Plot





# External: Variable wind velocity rotating 360 deg

0.51 m/s wind generated current rotating 360 deg (0.0 deg offset)

Variable wave height rotating 360 deg (0.0 deg offset)