



SCOTSMAN TIDE as shown, SPICA TIDE similar

PSV 08 CD CLASS

Vessel Characteristics

Length, Overall:	268 ft	81.7 m
Beam:	59.1 ft	18 m
Depth:	25.6 ft	7.8 m
Maximum Draft:	21.3 ft	6.5 m
Light Draft:	10.8 ft	3.3 m
Minimum Height:	110 ft	34.4 m
Freeboard:	4.3 ft	1.3 m
Displacement:	6,640 lt	6,750 mt
Deadweight:	3,810 lt	3,870 mt
Clear Deck Space:	182 x 49 ft	55 x 15 m
Clear Deck Area:	8,720 ft ²	810 m ²
Deck Strength AFT:	2,050 lb/ft ²	10 t/m ²
Class Notations:	DNV: +1A1, Fire fighter(I), Offshore service vessel(Supply), Clean(Design), COMF(V-3), DK(+), DYNPOS(AUTR), E0, HL(2.8), Ice(C), LFL(*), NAUT(OSV(A)), OILREC, SF	

Capacities

Deck Cargo:	2,400 lt	2,440 t
Fuel Oil:	245,000 gal	930 m ³
Potable Water:	37,000 gal	140 m ³
Fresh Water:	117,000 gal	440 m ³
Drill/Ballast Water:	506,000 gal	1,920 m ³
Bulk Tanks (4 tanks):	8,860 ft ³	250 m ³
Liquid Mud (2.8 SG*):	7,990 bbl	1,270 m ³
*Max Structural Specific Gravity		
Methanol:	630 bbl	99.9 m ³
Base Oil:	2,010 bbl	320 m ³
Fire Fighting Foam:	660 gal	2.5 m ³

TIDEWATER

Find out more

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SPICA TIDE

Further specifications



Machinery

Diesel Electric Vessel			
Propulsive/Total HP:	5,360 / 9,860		
Z-Drives:	Yes		
Propellers (2):	AZP 100RRM AZIPULL, 2000KW		
Primary Generators (3):	2,350 kw	690 v	60 hz
Driven by:	STX 7L27 / 38		
Emergency Generators (1):	130 kw	690 v	60 hz
Driven by:	JOHN DEERE 6068 AFM75		
Bow Thruster (3):	FU-74-LTC-2000 TUNNEL		
Driven by:	800KW ELECTRIC MOTORS		
Total Thrust:	271 st	24.6 mt	

Deck Equipment

Anchors (2):	3300 KG SPEK - M
Anchor Chain:	250 m of 46 mm chain per side
Windlass:	2x RR MW100 @ 20M/MIN
Crane (1):	5 t @ 10 m
Aux. Crane (1):	1 t @ 10 m
Tugger (2):	10 t RR MWF100 @ 20M/MIN

Accommodations

No. of Berths:	30
Cabins:	12x1-man & 9x2-man
Certified to Carry:	30
Galley seating:	16
Hospital:	Yes

Registration

Flag: NORWAY	Home Port: SKUDENESHAVN	
Hull Number: 769	IMO N ^o : 9629005	
Year Built: 2013	Call Sign: LAEH8	
Builder:	STX OSV Langsten	
Tonnage (ITC):	3527 GT	1433 NT

Performance*

Fuel Consumption Vs Speed		
Maximum:	24 m³/day (260 gph) @ 15 knots	
Cruising:	12.5 m³/day (140 gph) @ 12 knots	
Economical:	9.8 m³/day (110 gph) @ 10 knots	
Standby:	3.3 m³/day (36.3 gph) @ 0 knots	
Range @ 12 Knots:	21,000 nm	
Transfer Rates		
Fuel Oil:	1,100 gpm @ 300 ft	250 m³/h @ 90 m
Fresh Water:	1,100 gpm @ 300 ft	250 m³/h @ 90 m
Drill/Ballast Water:	1,100 gpm @ 300 ft	250 m³/h @ 90 m
Bulk:	36.9 cfm @ 190 ft	62.7 m³/h @ 57 m
Liquid Mud:	440 gpm @ 300 ft	100 m³/h @ 90 m
Base Oil:	440 gpm @ 300 ft	100 m³/h @ 90 m
Brine:	440 gpm @ 300 ft	100 m³/h @ 90 m
Methanol:	330 gpm @ 300 ft	75 m³/h @ 90 m

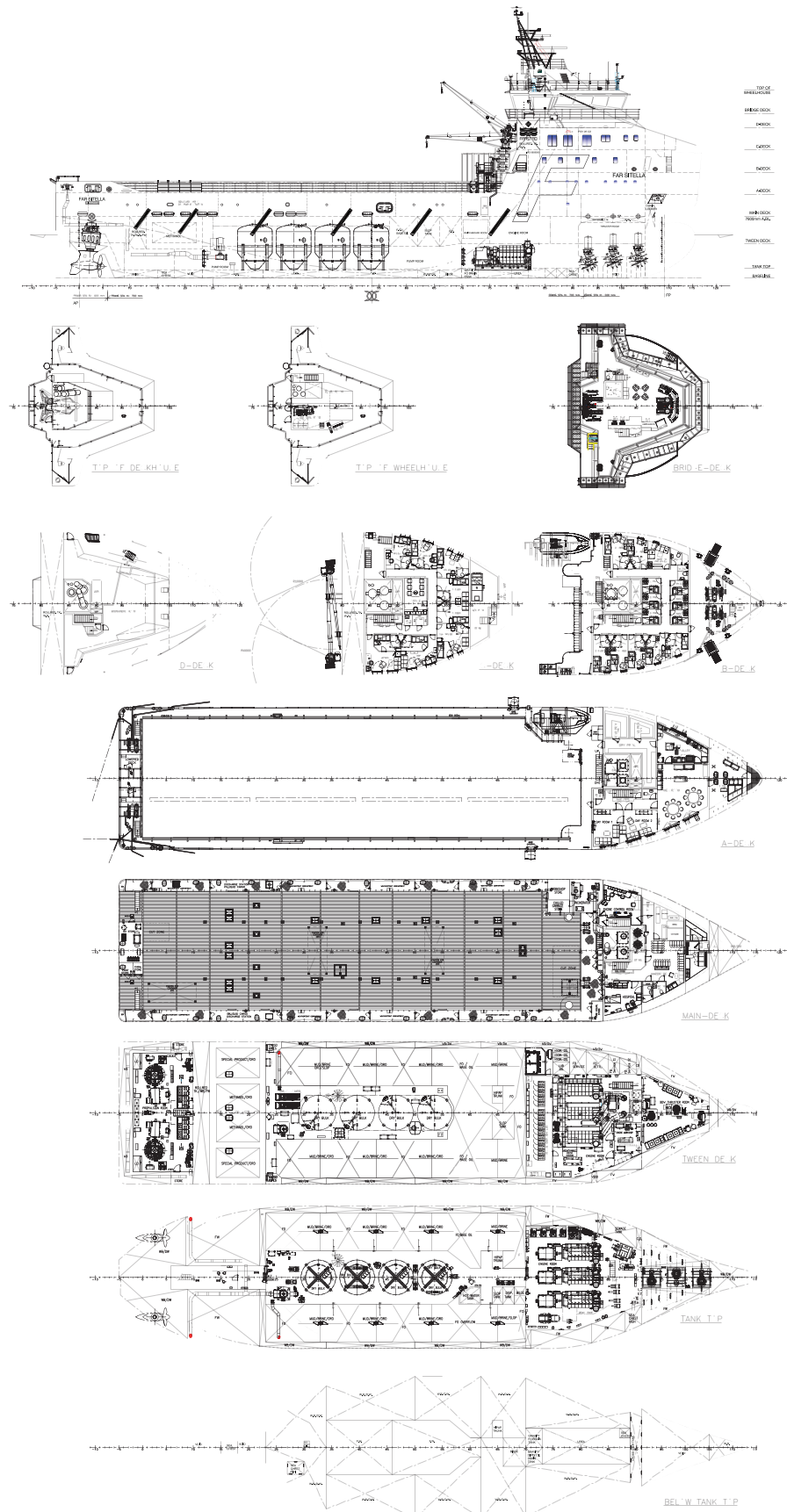
Nav/Comms Equipment

Radar(s):	2
Depth Sounder:	1
Gyro Compass:	3
Wind Speed Indicators:	2
Doppler Log:	1
Radio:	3 x VHF; 1 x SSB
Sat Com:	INMARSAT-C

Special Equipment

Firefighting:	FiFi-1
Dynamic Positioning:	DP-2
Ref. Systems:	3 x MRU; 2 x DGPS 1 x Microwave-based; 1 x Laser-based
Mud Circulation System/ Mud Mixers:	Yes/Yes
Tank Cleaning:	Yes
Rescue Boat:	10-Man FRC
Misc:	ORO Capacity - 1142.5 m³; Special Prod. Capacity - 98.8 m³; MSD; HPR Trunk; Dacon Scoop

*Approximate values assuming Ideal Conditions



SPICA TIDE

Capacity Table



Tank	Contents	Volume m ³	Base Oil	Fuel Oil	Dry Bulk	DW/WB	Potable Water	Fresh Water	Brine	Liquid Mud	Methanol	Lube Oil	Foam	Oil Disp.
1 FOREPEAK TK	DW/WB	99.3				99.3								
4 WB DB 1 SB	DW/WB	63.6				63.6								
5 WB DB 1 PS	DW/WB	59.9				59.9								
9 WB DB 2 PS	DW/WB	43.2				43.2								
10 WB DB 2 SB	DW/WB	49.2				49.2								
11 WB DB 3 PS	DW/WB	59.0				59.0								
12 WB DB 3 SB	DW/WB	59.0				59.0								
13 WB DB 4 PS	DW/WB	69.3				69.3								
14 WB DB 4 SB	DW/WB	69.3				69.3								
15 WB DB 5 PS	DW/WB	66.2				66.2								
16 WB DB 5 SB	DW/WB	63.9				63.9								
21 WB WT 2 PS	DW/WB	39.9				39.9								
28 WB WT 3 SB	DW/WB	33.7				33.7								
30 WB WT 4 SB	DW/WB	42.1				42.1								
31 WB WT 3 PS	DW/WB	33.7				33.7								
32 WB WT 5 SB	DW/WB	54.3				54.3								
33 WB WT 4 PS	DW/WB	42.1				42.1								
34 WB WT 6 SB	DW/WB	38.4				38.4								
35 WB WT 5 PS	DW/WB	54.3				54.3								
37 WB WT 6 PS	DW/WB	38.4				38.4								
38 AFT PEAK SB	DW/WB	82.2				82.2								
41 AFT PEAK PS	DW/WB	82.2				82.2								
70 STAB 1	DW/WB	145.2				145.2								
72 STAB 2	DW/WB	197.6				197.6								
78 WB CD	DW/WB	311.2				311.2								
85 WB WT 2.5 PS	DW/WB	17.9				17.9								
20 FW WT 2L PS	FW	44.3						44.3						
22 FW WT 2 SB	FW	55.9						55.9						
24 FW DB 3 C	FW	62.4						62.4						
36 FW WT 7 SB	FW	78.1						78.1						
39 FW WT 7 PS	FW	78.1						78.1						
76 FW WT 1U SB	Ship's FW	69.8					69.8							
77 FW WT 1U PS	Ship's FW	70.4					70.4							
80 FW WT 2.5 SB	FW	70.4						70.4						
84 FW DB 4 C	FW	55.5						55.5						
40 FO 5 SB	FO	103.4		103.4										
43 FO 5 PS	FO	102.4		102.4										
46 FO 3 SB	FO	70.3		70.3										
48 FO 2 SB	FO/BO	125.7	125.7	125.7										
49 FO 3 PS	FO	70.3		70.3										
51 FO 2 PS	FO/BO	193.5	193.5	193.5										
54 FO 1 SB	FO	45.0		45.0										
55 FO OVERFLOW	FO	45.7		45.7										
56 FO 4 SB	FO	60.8		60.8										
59 FO 1 PS	FO	81.1		81.1										
61 FO 4 PS	FO	64.6		64.6										
71 FO SETTLE	FO	23.5		23.5										
73 FO SERVICE 2	FO	21.4		21.4										
75 FO SERVICE 11	FO	9.1		9.1										
102 FO SERVICE 12	FO	9.3		9.3										
58 METH TK PS	METH/ORO	49.8									49.8			
60 METH TK SB	METH/ORO	50.1									50.1			
63 SPEC PROD PS	SP/ORO	49.4												
65 SPEC PROD SB	SP/ORO	49.4												
42 MUD TK 1 SB	LM/ORO	162.4								162.4				
44 MUD TK 2 SB	LM/SLOP	162.9								162.9				
45 MUD TK 1 PS	LM/ORO	162.4								162.4				
47 MUD TK 2 PS	LM/BR	162.9								162.9				
50 MUD TK 3 SB	LM/ORO	162.4								162.4				
53 MUD TK 3 PS	LM/ORO	162.4								162.4				
81 MUD TK 4 PS	LM/ORO	147.1								147.1				
82 MUD TK 4 SB	LM/ORO	147.1								147.1				
66 CEM 1	DRY BULK	62.7			62.7									
67 CEM 2	DRY BULK	62.7			62.7									
68 CEM 3	DRY BULK	62.7			62.7									
69 CEM 4	DRY BULK	62.7			62.7									
FOAM TANK	FOAM	2.5											2.5	
100 LO TK 2	LO	3.4										3.4		
23 LUBOIL	LO	4.2										4.2		
27 LUBOIL	LO	11.2										11.2		
97 LO TANK	LO	3.4										3.4		
Total Volume [m ³]			319.2	1,026.1	250.8	1,915.1	140.2	444.7	0.0	1,269.6	99.9	22.2	2.5	0.0
Spec Sheet Total Volume [m ³]			319.2	962.8	250.8	1,915.1	140.2	444.7	0.0	1,269.6	99.9	22.2	2.5	0.0

*Capacities shown are for lead vessel. Actual capacities may vary slightly.

*Capacities shown in **RED** are excluded from the total volume.

*Capacities shown in **BLUE** are included in another Tank's Capacity.

*Capacities shown in **GREEN** are counted for multiple Tank Capacities.



Run : All intact

