

Aker Oilfield Services

Technical Specifications

“Skandi Aker”



NB! All information given without guarantees and is given basis optimal conditions.

1 – MAIN CHARACTERISTICS			
1.1 Length Overall:	156.9m	1.2 Beam:	27 m
1.3 Depth:	12 m	1.4 Maximum draft:	10 m
1.5 Light Draft:	7.0 m	1.6 Freeboard: min	3.5 m
1.7 Breadth moulded:	27 m	1.8 Minimum draft:	8 m
1.9 Deck width:	25 m	1.10 Deck length:	95 m
1.11 Net tonnage:	5019 t	1.12 Deadweight:	9753 t
2 – PROPULSION, MACHINERY AND STEERING			
2.1 MAIN ENGINES			
Engines:	6	Total Horsepower:	26000 BHP
Main engine manufacturer/model:	STX MAN 4 X 6L32/40 + 2 X 8L32/40		
2.2 GENERATORS			
Primary Engines (nb):	6	Rating:	19300 kW (Total)
Electric Power:	6600 VAC @ 60 Hz	Manufacturer:	Siemens
Emergency Engines (nb):	1	Rating:	350 kW
Shaft Generators (nb):	NA	Rating:	NA kW
2.3 AUXILIARY			
Bow Thruster type: (nb)	2 x tunnel + 2 x retractable type		
Total Horsepower:	8000 BHP	Manufacturer:	Rolls Royce
Stern Thruster type:	2x Contaz + 1 CP Propeller		
Total Horsepower: (01)	13500 BHP	Manufacturer:	Rolls Royce
Propeller type:	Rolls Royce		
Bollard Pull (maximum pull – mT):	110 mt		
3 – PERFORMANCE			
Max. speed:	16 Kts	Consumption:	70 m3/d
Cruise Speed:	14 Kts	Consumption:	55 m3/d
Economical:	12.5 Kts	Consumption:	45 m3/d

4 – CAPACITIES					
Deck Cargo:	7000 mt	Strength:	10 t/sqm		
Ballast water:	8900 m ³				
Drill Water:	1000 m ³	Transfer Rate:	NA m ³ /h @ NA m	Tanks:	2
Potable Water:	1890 m ³	Transfer Rate:	NA m ³ /h @ NA m	Tanks:	9
Fuel Oil:	2300 m ³	Transfer Rate:	100 m ³ /h @ NA m	Tanks:	12
Liquid mud:	500 m ³	Transfer Rate:	NA m ³ /h(NA lbs/gal)	Tanks:	5
Dry Bulk:	45 m ³	Transfer Rate:	NA t/h @ NA m	Tanks:	1
Ballast water:	8900 m ³	Transfer Rate:	300m ³ /h	Tanks:	25
5 – ACCOMMODATION					
Crew:	40	Rooms:	30		
Passenger:	100	Rooms:	69		
Total Certified to carry:	140	Galley seating:	70		
Air-conditioned:	YES	Heating:	YES		
6 – ELECTRONICS/COMMUNICATIONS					
6.1 Radar (nb):	3	Manufacturer:	Furuno		
6.2 Radio VHF (nb):	7	Manufacturer:	Sailor		
6.3 Radio SSB (nb):	1	Manufacturer:	Sailor		
6.4 Gyro Compass (nb):	3	Manufacturer:	SG-Brown		
6.5 GPS:	4 (+2)	Manufacturer:	4xSeatex + 2xSaab		
6.6 GMDSS:	1	Manufacturer:	Sailor		
6.7 Inmarsat Phone:	1	6.8 Mobile Phones:	0		
6.9 Joystick Controls:	4 pos	Type:	Kongsberg		
6.10 Dynamic Positioning (characteristics):	DP3 (Kongsberg DP2+DP1)				
6.11 Echo Sounder:	1	Manufacturer:	SAM		
6.12 Autopilot:	1	Manufacturer:	SAM		
7 – DECK EQUIPMENT:					
7.1 Anchor Handling/Towing winch:	No				
7.2 Cargo handling tuggers (nb, capacity):	NA				
7.3 Deck crane (nb, position & capacity):	1 3t/15 Provision crane				
7.4 Offshore cranes (nb, position & capacity):	400t and 50t AHC (to 2,700 msw)				
7.5 Cargo rail crane (nb, position & capacity):	2 x Starboard 7t@16m				
7.6 Powered rescue boat (characteristics):	Weedo 700 FRC				
7.7 Power supply on deck (characteristics):	690 Volt/440Volt and 230 Volt				

8 – OTHER			
8.1 Moonpool:	7.2 x 7.2 m		
8.2 Helideck:	Sikorsky S-92 @ D-value 20.9 m / Max take-off weight 12.8 mt		
8.3 ROVs:	2 x Perry Slingsby Triton XLS 150 Work Class ROV systems		
9 – REGISTRATION AND CLASSIFICATION			
Vessel owner:	DOF Subsea Rederi AS		
Vessel operator:	DOF Management		
Yard/Builder:	STX Europe Søviknes	Year:	2010
Flag:	Cyprus	Port of Registry:	Limasol
Official number:	9387229	Call sign:	5BXH2
Classification:	DNV +1A1 ICE-C Ship-shaped Well Intervention 2 COMF-V(3)C(3) HELDK-SH CRANE E0 DYNPOS-AUTRO NAUT-AW CLEAN DESIGN WELL-1 DK(+) TMON		
Last Dry-dock date:	Jan. 2011	Next Dry-dock date:	Oct. 2015

Owners require min 1.5 meter clearance under the keel. Lower margin can be discussed subject to current and acceptable bottom surveys.