

Aker Oilfield Services

Technical Specifications

“Aker Wayfarer”



All information given without guarantee

1 – MAIN CHARACTERISTICS			
1.1 Length Overall:	156.9m	1.2 Beam:	27 m
1.3 Depth:	12 m	1.4 Maximum draft:	8.5 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:	6.5 m
1.9 Deck width:	25 m	1.10 Deck length:	95 m
1.11 Net tonnage:	5010 t	1.12 Deadweight:	11406 t
2 – PROPULSION, MACHINERY AND STEERING			
2.1 MAIN ENGINES			
Engines:	6	Total Output:	19200 kW
Main engine manufacturer/model:	STX MAN 4 X 6L32/40 + 2 X 8L32/40		
2.2 GENERATORS			
Primary Engines (nb):	6	Rating:	19200 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 Output:	6800 KW	Manufacturer:	Rolls Royce
Stern Thruster type:	2x Contaz Azimuth + 1 CP Propeller		
Total Output:	10.000 kW	Manufacturer:	Rolls Royce
Propeller type:	Rolls Royce		
Bollard Pull (maximum pull – mT):	110 mt		
3 – PERFORMANCE			
Max. speed:	15,5 Kts	Consumption:	70 t/day
Cruise Speed:	13.5 Kts	Consumption:	55 t/day
Economical:	12.5 Kts	Consumption:	45 t/day

Standby (port)	Consumption:	8-12 t/day	part of Aker		
Average DP Mode	Consumption:	20-25 t/day			
4 – CAPACITIES					
Deck Cargo:	7000 mt	Strength:	10 t/sqm		
Ballast water:	9000 m ³				
Rig Water:	NA	Transfer Rate:	NA m ³ /h @ NA m	Tanks:	NA
Potable Water:	1700 m ³	Transfer Rate:	NA m ³ /h @ NA m	Tanks:	9
Fuel Oil:	2200 m ³	Transfer Rate:	NA m ³ /h @ NA m	Tanks:	12
Liquid mud:	NA	Transfer Rate:	NA m ³ /h(NA lbs/2al)	Tanks:	NA
Dry Bulk:	NA	Transfer Rate:	NA t/h @ NA m	Tanks:	NA
Ballast water:	9000 m ³	Transfer Rate:	NA m ³ /h @ NA m	Tanks:	25
5 – ACCOMMODATION					
Crew:	40	Cabins:	30		
Passenger:	100	Cabins:	69		
Total Certified to carry:	140	Galley seating:	70		
Air-conditioned:	YES	Heating:	YES		
6 – ELECTRONICS/COMMUNICATIONS					
6.1 Radar (nb):	2	Manufacturer:	Furuno		
6.2 Radio VHF (nb):	4	Manufacturer:	Skanti		
6.3 Radio SSB (nb):	1	Manufacturer:	Skanti		
6.4 Gyro Compass (nb):	3	Manufacturer:	SG-Brown		
6.5 GPS:	6	Manufacturer:			
6.6 GMDSS:	YES	Manufacturer:	Skanti		
6.7 Inmarsat Phone:	1	6.8 Mobile Phones:	1		
6.9 Joystick Controls:	4 pos	Type:	C- Wing/Joy		
6.10 Dynamic Positioning (characteristics):	Kongsberg DP2+DP1				
6.11 Echo Sounder:	1	Manufacturer:	Furuno		
6.12 Autopilot:	1	Manufacturer:	Anschuts		
7 – DECK EQUIPMENT:					
7.1 Anchor Handling/Towing winch:	No				
7.2 Cargo handling tuggers (nb, capacity):	4 x 10 ton				
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):	No				

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) welded shut, but has a bolt-on-bolt-off (BOBO) hatch 3.2 x 2.2 m		
8.2 Helideck:	Sikorsky S-92 @ D-value 20,9m / Max. take off weight 12,8mt		
8.3 ROVs:	2 x Millennium Plus (220 Hp) Work Class ROV systems		
8.4 Bulwark:	Port side bulwark BOBO		
8.5 Crane Pedestal:	Boom Rest tower BOBO forward or BOBO aft of main crane pedestal with lift point for easy manoeuvring		
9 – REGISTRATION AND CLASSIFICATION			
Vessel owner:	Aker Ship Lease 1 AS		
Vessel operator:	DOF Management		
Yard/Builder:	STX Europe Søviknes	Year:	2010
Flag:	NIS (Norwegian)	Port of Registry:	OSLO
Official number:	259022000	Call sign:	LAKM 7
Classification:	DNV +1A1, E0, DYNPOS-AUTRO (IMO III), CRANE, HELDK-SH, ICE C, CLEAN DESIGN with NAUT-AW (letter of compliance for exception of engines), Comf-V(3) C(3)		
Last Dry-dock date:	NB	Next Dry-dock date:	2H 2015