

PACIFIC HAWK



AKER PSV 09 CD

Vessel Characteristics

Length, Overall:	289 ft	88.1 m
Beam:	62.3 ft	19 m
Depth:	26.3 ft	8 m
Maximum Draft:	21.7 ft	6.6 m
Light Draft:	10.2 ft	3.1 m
Freeboard:	4.6 ft	1.4 m
Displacement:	7,460 lt	7,580 mt
Deadweight:	4,630 lt	4,710 mt
Clear Deck Space:	203 x 53 ft	62 x 16 m
Clear Deck Area:	10,800 ft ²	1000 m ²
Deck Strength FWD:	1,020 lb/ft ²	5 t/m ²
Deck Strength AFT:	2,050 lb/ft ²	10 t/m ²
Class Notations:	DNV: +1A1, Fire fighter(I), Supply vessel, Clean(Design), COMF(V-3), DK(+), DYNPOS(AUTR), E0, HL(2.8), LFL(*), NAUT(OSV(A)), SF	

Capacities

Deck Cargo:	2,360 lt	2,400 t
Fuel Oil:	241,000 gal	910 m ³
Potable Water:	35,500 gal	130 m ³
Fresh Water:	103,000 gal	390 m ³
Drill/Ballast Water:	690,000 gal	2,610 m ³
Bulk Tanks (6 tanks):	11,400 ft ³	320 m ³
Liquid Mud (2.8 SG*):	6,160 bbl	980 m ³
<small>*Max Structural Specific Gravity</small>		
Methanol:	1,050 bbl	170 m ³
Base Oil:	880 bbl	140 m ³

TIDEWATER

Find out more

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Pg.2 Further Specifications

Pg.4 Capacity Table

Pg.3 General Arrangement

Pg.5 DP Capability Plot



Machinery

Diesel Electric Vessel			
<i>Propulsive/Total HP:</i>	5,900 / 8,930		
Z-Drives:	Yes		
Propellers (2):	RRM CONTAZ 15 2200KW		
Primary Generators (4):	1,600 kw	690 v	60 hz
<i>Driven by:</i>	WARTSILA 9L20		
Emergency Generators (1):	370 kw	440 v	60 hz
<i>Driven by:</i>	SCANIA DI 16 55 M		
Bow Thruster (2):	1XRR 2200 TT FP, 1XRR TCNSO73FP DD		
<i>Driven by:</i>	880KW ELECTRIC MOTORS		
Total Thrust:	29.5 st	26.8 mt	

Deck Equipment

Anchors (2):	3780 KG
Anchor Chain:	260 m of 48 mm chain per side
Windlass:	2 x ODIM Electric Driven
Crane (1):	1 t @ 10 m
Aux. Crane (1):	5 t @ 10 m
Capstans (2):	10 t ODIM
Tugger (2):	10 t RRM

Accommodations

No. of Berths:	44
Cabins:	13x1-man & 14x2-man
Certified to Carry:	44
Galley seating:	32
Hospital:	Yes

Registration

Flag: SINGAPORE	Home Port: SINGAPORE
Hull Number: 10005	IMO N^o: 9579092
Year Built: 2011	Call Sign: 9V2080
Builder:	Universal Shipbuilding Corporation
Tonnage (ITC):	4059 GT / 1627 NT

Performance*

Fuel Consumption Vs Speed		
<i>Maximum:</i>	21 m ³ /day (230 gph) @ 13 knots	
<i>Cruising:</i>	18 m ³ /day (200 gph) @ 12 knots	
<i>Economical:</i>	13 m ³ /day (140 gph) @ 10 knots	
<i>Standby:</i>	2.1 m ³ /day (23.1 gph) @ 0 knots	
Transfer Rates		
<i>Fuel Oil:</i>	660 gpm @ 300 ft	150 m ³ /h @ 90 m
<i>Fresh Water:</i>	660 gpm @ 300 ft	150 m ³ /h @ 90 m
<i>Drill/Ballast Water:</i>	1,100 gpm @ 300 ft	250 m ³ /h @ 90 m
<i>Bulk:</i>	31.6 cfm @ 190 ft	53.6 m ³ /h @ 57 m
<i>Liquid Mud:</i>	440 gpm @ 300 ft	100 m ³ /h @ 90 m
<i>Base Oil:</i>	330 gpm @ 300 ft	75 m ³ /h @ 90 m
<i>Brine:</i>	440 gpm @ 300 ft	100 m ³ /h @ 90 m

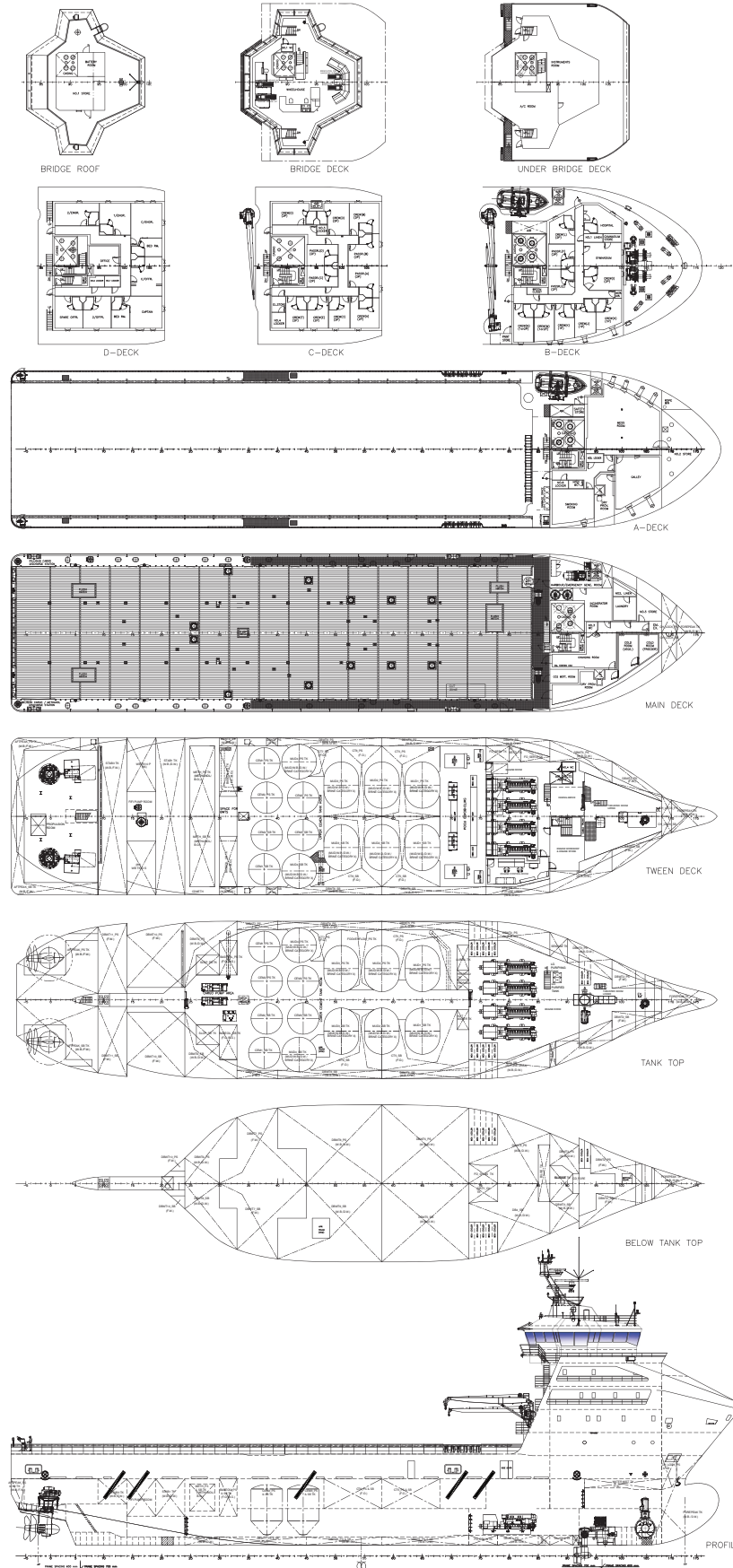
Nav/Comms Equipment

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

Special Equipment

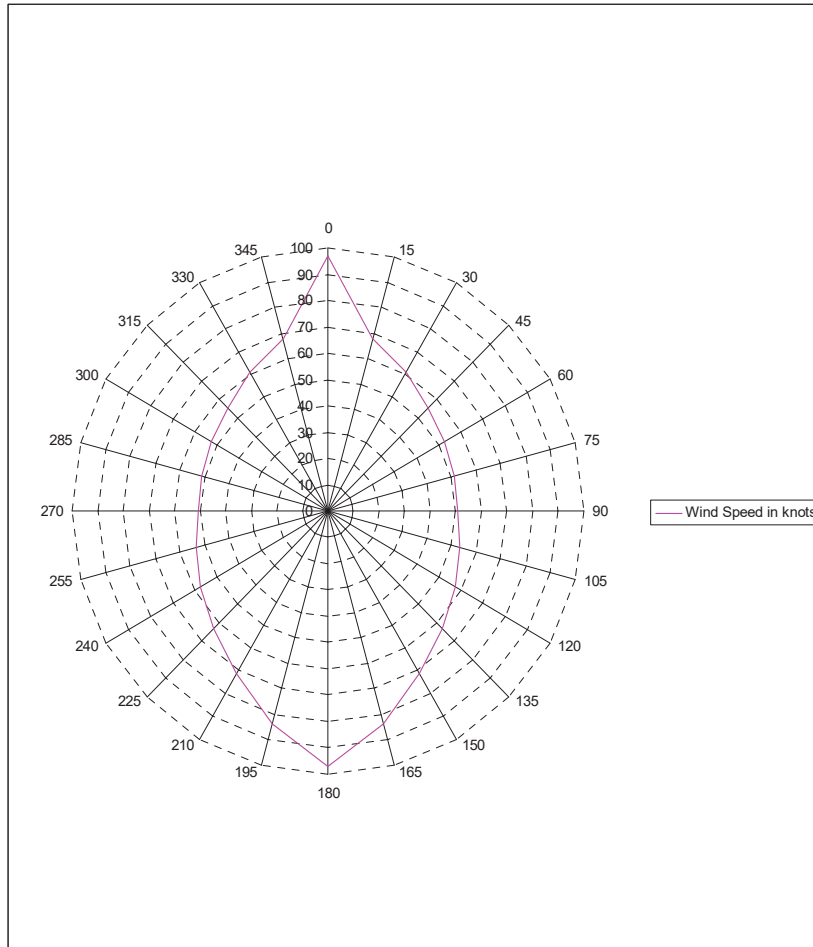
Firefighting:	FIFI-1
Dynamic Positioning:	DP-2
Ref. Systems:	3 x MRU; 2 x DGPS 1 x Microwave-based; 1 x Laser-based
Mud Mixers:	Yes
Rescue Boat:	Norsafe Merlin 615 FRB, 13 Persons
Misc:	MSD; HiPAP Ready

*Approximate values assuming Ideal Conditions





Capability Plot for CG00994 HULL 10005to10008



Wind Angle is stepped from 0 to 360 deg.
Wave Angle is stepped from 0 to 360 deg.
Current Angle is stepped from 0 to 360 deg.

Wind Speed is Set Automatically.
Wave Height is Derived from Wind Speed.
Current Speed is 1.46 knots.

