



RIG VESSEL PROFILE

Why AKA is your best solution.

A portfolio of innovation and partnership



Rig Vessel Profile - Closed Ring System & Short Circuit Test

Since 2006, AKA has retrofitted over 30 drillships/rigs to the closed bus operation system. In 2011, AKA demonstrated the DP3 short circuit test on a real vessel - an ultra deepwater drillship, and became the first and the only company that has the ability to deliver DNV DP3 closed bus operation systems.



DEEPWATER PATHFINDER **DEEPWATER FRONTIER** **DEEPWATER MILLENNIUM** **DISCOVERER SPIRIT** **DISCOVERER DEEP SEAS** **DISCOVERER INSPIRATION** **DEEPWATER CHAMPION** **DEEPWATER ASGARD** **DEEPWATER INVICTUS** **DISCOVERER CLEAR LEADER** **DEEPWATER THALASSA** **DEEPWATER PROTEUS** **DEEPWATER CONQUEROR** **DEEPWATER PONTUS** **DEEPWATER POSEIDON**

SHIP TYPE	Ultra Deepwater Drillship	Ultra Deepwater Drillship	Ultra Deepwater Drillship	Ultra Deepwater Drillship	Ultra Deepwater Drillship	Ultra Deepwater Drillship	Ultra Deepwater Drillship	Ultra Deepwater Drillship	Ultra Deepwater Drillship	Ultra Deepwater Drillship	Ultra Deepwater Drillship	Ultra Deepwater Drillship	Ultra Deepwater Drillship	Ultra Deepwater Drillship	Ultra Deepwater Drillship
SHIP OWNER	Transocean	Transocean	Transocean	Transocean	Transocean	Transocean	Transocean	Transocean	Transocean	Transocean	Transocean	Transocean	Transocean	Transocean	Transocean
YEAR: BUILT	1998	1999	1999	2000	2001	2008	2010	2014	2014	2008	2015	2015	2016	2017	2017
YEAR: RETROFIT	2007	2011	2007/2013	2009			2011			2014					
CLASSIFICATION	ABS	ABS	ABS	DNV	DNV	DNV	DNV DYNPOS-AUTRO	DNVGL	DNV GL	DNV GL	DNV GL	DNV GL	DNV GL	DNV GL	DNV GL
DIMENSIONS	727 ft. long x 138 ft. wide x 66 ft. deep	726 ft long x 138 ft wide x 66 ft deep	726 ft long x 138 ft wide x 66 ft deep	835 ft. long x 125 ft. wide x 62 ft. deep	835 ft. long x 125 ft. wide x 64 ft. deep	835 ft. long x 125 ft. wide x 62 ft. deep	752 ft. long x 118 ft. wide x 59 ft. deep	781 ft long x 138 ft wide x 62 ft deep	781 ft long x 138 ft wide x 62 ft deep	835 ft. long x 125 ft. wide x 62 ft. deep	781 ft. long x 138 ft. wide x 62 ft. depth	781 ft. long x 138 ft. wide x 62 ft. depth	781 ft. long x 138 ft. wide x 62 ft. depth	781 ft. long x 138 ft. wide x 62 ft. depth	781 ft. long x 138 ft. wide x 62 ft. depth
MAIN POWER (kW)	6 x 7,290 kW, 720 rpm diesel, 6 x 8,750 kVA generator (ABB)	3 x 4,700 kW (ABB)	3 x 9,333 hp diesel, 3 x 6,266 hp diesel each (ABB)	4 x 9,772 hp diesel, 2 x 6,515 hp diesel, 6 x 1,000 kW generator (ABB)	4 x 9,772 hp diesel, 2 x 6,515 hp diesel (ABB)	6 x 7,000 kW diesel (SIEMENS)	6 x 6,035 hp diesel, 6 x 4.3 MW generator, 2 x 12,069 hp diesel, 2 x 8.7 MW generator (ABB)	6 x 7,000 kW, 720 rpm diesel, 6 x 8,125 kVA generator	6 x 7,000 kW, 720 rpm diesel, 6 x 8,125 kVA generator	6 x 7,000 kW diesel (SIEMENS)	6 x 720 rpm diesel, 6 x 6,750 kW x 11kV generator (HHI)	6 x 720 rpm diesel, 6 x 6,750 kW x 11kV generator (HHI)	6 x 720 rpm diesel, 6 x 6,750 kW x 11kV generator (HHI)	6 x 720 rpm diesel, 6 x 6,750 kW x 11kV generator (HHI)	6 x 720 rpm diesel, 6 x 6,750 kW x 11kV generator (HHI)
EMERGENCY POWER (kW)	1 x 470kW (AVK)	1 X 400kW (AVK)	1 X 608 hp diesel (ABB)	1 X 2635kVA (ABB)	1 x 3257 hp diesel (ABB)	1 x 2100kW (HYUNDAI)	1 x 1500kW	1 x 1780kW	1 x 1785kW	1 x 2100kW	1 x 2000kW	1 x 2000kW	1 x 2000kW	1 x 2000kW	1 x 2000kW
POWER DISTRIBUTION	Hammond + AKA	ABB + AKA	ABB + AKA	Baylor + AKA	Baylor + AKA	SIEMENS + AKA	ABB + AKA	SIEMENS + AKA	SIEMENS + AKA	SIEMENS + AKA	AKA	AKA	AKA	AKA	AKA
THRUSTERS	6 x FPP Azimuth	6 x FPP Azimuth	6 x Azimuth (KAMEWA)	6 x Azimuth	6 x Azimuth (RR)	6 x Azimuth (RR)	6 x FPP Azimuth (RR)	6 x FPP Azimuth (RR)	6 x FPP Azimuth (RR)	6 x Azimuth (RR)	6 x FPP Azimuth (GE)	6 x FPP Azimuth (GE)	6 x FPP Azimuth (GE)	6 x FPP Azimuth (GE)	6 x FPP Azimuth (GE)
DP SYSTEM	DP3	DP3	DP3	DP3	DP3	DP3	DP2	DP3	DP3	DP3	DP3	DP3	DP3	DP3	DP3
CLOSE RING SYSTEM	Retrofitted	Retrofitted	Retrofitted	Retrofitted	Retrofitted	Built In	Retrofitted	AKA Integrated	AKA Integrated	AKA Integrated	AKA Integrated	AKA Integrated	AKA Integrated	AKA Integrated	AKA Integrated
SHORT CIRCUIT TEST	Not Required	Not Required	Not Required	Not Required	Not Required	Not Required	Done By AKA	Done By AKA	Done By AKA	Done By AKA	Done By AKA	Done By AKA	Test Done In 2016 By AKA	Done In April 2017 By AKA	To Be Done In Aug 2017 By AKA
AKA SUPPLIED EQUIPMENT	AGP	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	ATCAP				•	•					•	•	•	•	•
	IPD										•	•	•	•	•
	UPS	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	HDF										•	•	•	•	•
	ESS										•	•	•	•	•
	DOCUMENTATION	•	•	•	•	•	•	•	•	•	•	•	•	•	•



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