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Reference list January 1, 2010

Reference List Offshore Drilling Rigs and Drill Ships Electrical System Solutions

References Offshore Drilling Rigs and Drill Ships Electrical System Solutions



ABB Delivery

EI. Power Gen. & Distr. System	Thruuster Drive System	Azipod® CZ Thrusters	Drilling Drive System	PMS / Automation System
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Year	Name	Yard	Owner	Type of Vessel	EI. Power Gen. & Distr. System	Thruuster Drive System	Azipod® CZ Thrusters	Drilling Drive System	PMS / Automation System
2012	Etesco 8	Samsung	Etesco Drilling Services, LLC	Drillship	•	•		•	
2012	Schahin II (TBN)	Samsung	Schahin Group	Drillship	•	•		•	
2011	Atwood Semi (TBN)	Jurong Shipyard	Atwood Oceanics	Semi-sub Drilling Rig	•	•		•	
2011	Hai Yang Shi You 981	Shanghai Waigaoqiao Shipy.	China National Offs. Oil Co.	Semi-sub Drilling Rig	•	•		•	•
2011	Larsen Rig I	Jurong Shipyard	Larsen Oil & Gas	Semi-sub Drilling Rig	•	•		•	
2011	Cardiff Marine Dryship II (TBN)	Samsung	Ocean Rig/Cardiff Marine	Drillship	•	•		•	
2011	DryShips Drillship I (TBN)	Samsung	Ocean Rig/Dryships	Drillship	•	•		•	
2011	DryShips Drillship II (TBN)	Samsung	Ocean Rig/Dryships	Drillship	•	•		•	
2011	Deepsea Metro I	Hyundai	Odfjell Drilling/Metrostar	Drillship	•	•		•	
2011	Deepsea Metro II	Hyundai	Odfjell Drilling/Metrostar	Drillship	•	•		•	
2011	Pacific Mistral	Samsung	Pacific Drilling Limited	Drillship	•	•		•	
2011	Pacific Santa Ana	Samsung	Pacific Drilling Limited	Drillship	•	•		•	
2011	Pacific Scirocco	Samsung	Pacific Drilling Limited	Drillship	•	•		•	
2011	Deep Ocean Molokai	Samsung	Pride International	Drillship	•	•		•	
2011	Schahin I (TBN)	Samsung	Schahin Group	Drillship	•	•		•	
2011	West Capricorn	Jurong Shipyard	Seadrill Limited	Semi-sub Drilling Rig	•	•		•	
2011	Stena Drillmax Ice	Samsung	Stena Offshore Limited	Drillship	•	•		•	
2010	Atwood Osprey	Jurong Shipyard	Atwood Oceanics	Semi-sub Drilling Rig	•			•	
2010	COSL 936	China Merchant Heavy Indu.	China Oilfield Services	Jack-up Drilling Rig	•			•	•
2010	COSL 937	Dalian Shipbuilding Offshore	China Oilfield Services	Jack-up Drilling Rig	•			•	•
2010	Cardiff Marine Drillship I (TBN)	Samsung	Ocean Rig/Cardiff Marine	Drillship	•	•		•	
2010	Pacific Bora	Samsung	Pacific Drilling Limited	Drillship	•	•		•	
2010	Petrobras Drillship (TBN)	Samsung	Petrobras/Schahin	Drillship	•	•		•	
2010	Petrorig III	Jurong Shipyard	Petromena	Semi-sub Drilling Rig	•	•		•	
2010	TBN	Jurong Shipyard	Petroprod	Jack-up Drilling Rig	•			•	
2010	Deep Ocean Ascension	Samsung	Pride International	Drillship	•	•		•	
2010	Deep Ocean Clarion	Samsung	Pride International	Drillship	•	•		•	
2010	Deep Ocean Mendocino	Samsung	Pride International	Drillship	•	•		•	
2010	Saipem 12000	Samsung	Saipem	Drillship	•	•		•	
2010	West Callisto	Keppel FELS	Seadrill	Jack-up Drilling Rig	•			•	•
2010	West Gemini	Samsung	Seadrill	Drillship	•	•		•	
2010	West Juno	Keppel FELS	Seadrill	Jack-up Drilling Rig	•			•	•
2010	West Orion	Jurong Shipyard	Seadrill	Semi-sub Drilling Rig	•	•		•	
2010	Deepwater Champion	Hyundai	Transocean	Drillship	•	•		•	
2009	COSLStrike	Keppel FELS	China Oilfield Services	Jack-up Drilling Rig	•			•	•
2009	Ocean Courage	Jurong Shipyard	Diamond Offshore Drilling	Semi-sub Drilling Rig	•	•		•	
2009	Ocean Valor	Jurong Shipyard	Diamond Offshore Drilling	Semi-sub Drilling Rig	•	•		•	
2009	Petrobras 10000	Samsung	Petrobras	Drillship	•	•		•	



ABB Delivery

EI. Power Gen. & Distr. System	Thruuster Drive System	Azipod® CZ Thrusters	Drilling Drive System	PMS / Automation System
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Year	Name	Yard	Owner	Type of Vessel	EI. Power Gen. & Distr. System	Thruuster Drive System	Azipod® CZ Thrusters	Drilling Drive System	PMS / Automation System
2009	Vitória	Daewoo	Petroserv	Semi-sub Drilling Rig	•	•		•	
2009	Scarabeo 8	Fincantieri, Palermo	Saipem	Semi-sub Drilling Rig	•	•		•	
2009	West Eminence	Samsung	Seadrill	Semi-sub Drilling Rig	•	•		•	
2009	Stena Forth	Samsung	Stena Offshore	Drillship	•	•		•	
2009	Dhirubhai Deepwater KG1	Samsung	Transocean	Drillship	•	•		•	
2009	Dhirubhai Deepwater KG2	Samsung	Transocean	Drillship	•	•		•	
2008	COSL Boss	Keppel FELS	China Oilfield Services	Jack-up Drilling Rig	•			•	•
2008	Discovery I	Keppel FELS	Jindal Group	Jack-up Drilling Rig	•			•	•
2008	Virtue I	Keppel FELS	Jindal Group	Jack-up Drilling Rig	•			•	•
2008	West Aquarius	Daewoo	Seadrill	Semi-sub Drilling Rig	•	•		•	
2008	West Capella	Samsung	Seadrill	Drillship	•	•		•	
2008	West Hercules	Daewoo	Seadrill	Semi-sub Drilling Rig	•	•		•	
2008	West Phoenix	Samsung	Seadrill	Semi-sub Drilling Rig	•	•		•	
2008	West Polaris	Samsung	Seadrill	Drillship	•	•		•	
2008	West Sirius	Jurong Shipyard	Seadrill	Semi-sub Drilling Rig	•	•		•	
2008	West Taurus	Jurong Shipyard	Seadrill	Semi-sub Drilling Rig	•	•		•	
2008	West Ariel	Keppel FELS	Seadrill	Jack-up Drilling Rig	•			•	•
2008	West Atlas	Keppel FELS	Seadrill	Jack-up Drilling Rig	•			•	•
2008	Stena Carron	Samsung	Stena Offshore	Drillship	•	•		•	
2008	Stena Drillmax	Samsung	Stena Offshore	Drillship	•	•		•	
2008	Emerald Driller	PPL Shipyard	Vantage Drilling Company	Jack-up Drilling Rig				•	
2007	COSLCraft	Keppel FELS	China Oilfield Services	Jack-up Drilling Rig	•			•	•
2004	Development Driller II	Jurong Shipyard	Transocean	Semi-sub Drilling Rig	•	•	•	•	
2003	Development Driller I	Jurong Shipyard	Transocean	Semi-sub Drilling Rig	•	•	•	•	
2001	Oseberg C	Kvaerner Rosenberg	Norsk Hydro	Drilling & Prod. Rig				•	
2001	Valhall	Heerema	Norsk Hydro	Drilling & Prod. Rig				•	
2001	Eirik Raude	Dalian Shipyard	Ocean Rig	Semi-sub Drilling Rig	•	•		•	
2001	Leiv Eiriksson	Dalian Shipyard	Ocean Rig	Semi-sub Drilling Rig	•	•		•	
2001	Deepwater Horizon	Hyundai	R&B Falcon	Semi-sub Drilling Rig	•	•		•	
2000	Glomar C.R. Luigs	Harland & Wolff	Global Marine	Drillship	•	•		•	
2000	Glomar Jack Ryan	Harland & Wolff	Global Marine	Drillship	•	•		•	
2000	Snorre B	Aker Maritime/Kvaerner	Norsk Hydro	Drilling & Prod. Rig				•	
2000	Deepwater Discovery	Samsung	R&B Falcon	Drillship	•	•		•	
2000	Deepwater Nautilus	Hyundai	R&B Falcon	Semi-sub Drilling Rig	•	•		•	
2000	Saipem 10000	Samsung	Saipem SpA	Drillship	•	•		•	
1999	Deepwater Frontier	Samsung	Conoco / R&B Falcon	Drillship	•	•		•	
1999	Bideford Dolphin	Harland & Wolff	Dolphin	Semi-sub Drilling Rig	•	•		•	
1999	Navis Explorer	Samsung	Navis	Drillship	•	•		•	

Projects delivered and/or ordered as of January 1, 2010

References Offshore Drilling Rigs and Drill Ships Electrical System Solutions



ABB Delivery				
Year	Name	Yard	Owner	Type of Vessel
1999	Eldfisk	Aker Stord Verft	Phillips Petroleum	Drilling & Prod. Rig
1999	Deepwater Millennium	Samsung	R&B Falcon	Drillship
1999	West Venture	Hitachi Zosen	Smedvig Offshore	Semi-sub Drilling Rig
1998	Deepwater Pathfinder	Samsung	Conoco / R&B Falcon	Drillship
1997	West Navigator	Samsung	Smedvig	Drillship
1996	Njord	Aker Maritime	Norsk Hydro/Odfjell	Drilling & Prod. Rig
1996	Visund	Umoe Haugesund	Norsk Hydro/ Odfjell	Drilling & Prod. Rig
1996	DeepSea Trym	Haugesund Mek. Verksted	Odfjell	Semi-sub Drilling Rig
1996	Petrobras XXIII	Verolme	Petrobras	Semi-sub Drilling Rig
1994	Celtic Sea	Brest	Glomar Drilling	Semi-sub Drilling Rig
1994	Offshore Aquarius	Marathon Le Tournau Offsh.	Maersk Drilling	Jack-up Drilling Rig
1994	Petrobras XVIII	Tenfels - FELS/Tenenge	Petrobras	Semi-sub Prod. Unit
1994	Polar Pioneer	Hitachi Zosen	Sonat Offshore	Semi-sub Drilling Rig
1993	Maersk Enhancer	CFEM	Maersk Drilling	Jack-up Drilling Rig
1993	Maersk Gallant	FELS	Maersk Drilling	Jack-up Drilling Rig
1993	Ross Isle	Kalnes Mekaniske	Transocean	Semi-sub Drilling Rig
1992	Borgila Dolphin	Mitsui	Dolphin	Semi-sub Drilling Rig
1992	West Epsilon	FELS	Smedvig	Jack-up Drilling Rig
1991	West Delta	Rauma Repola	Smedvig	Semi-sub Drilling Rig
1990	Transocean Wildcat	Aker Verdøl	Transocean	Semi-sub Drilling Rig
1989	Veslefrikk	Kvaerner Rosenberg	Statoil	Semi-sub Prod. Unit
1986	West Alpha	Nippon Kokan	Exmar Belgium	Semi-sub Drilling Rig
1985	Deepsea Trym	Hyundai	NFDS	Semi-sub Drilling Rig
1985	Yatzy	Nippon Kokan	Dyvi Offshore	Semi-sub Drilling Rig
1984	Polar Pioneer	Hitachi Zosen	Polar Frontier Drilling	Semi-sub Drilling Rig
1982	Safe Holmia	Gøtaverken Arendalsvarvet	Consafe	Accom. Platform
1982	Dyvi Stena	Mitsubishi, Nagasaki Shipy.	Stena Offshore	Semi-sub Drilling Rig
1982	Ugland Fortuna	Gøtaverken	Ugland	Accom. Platform
1982	Treasure Saga	Gøtaverken Arendalsvarvet	Wilhelm Wilhelmsen	Semi-sub Drilling Rig
1980	Safe Concordia	Gøtaverken Arendalsvarvet	Consafe	Accom. Platform
1979	Safe Gothia	Gøtaverken Arendalsvarvet	Consafe	Accom. Platform
1979	Treasure Supporter	Gøtaverken Arendalsvarvet	Consafe	Accom. Platform
1978	Seaway Swan	Rauma Repola	K/S Seaway Offshore	Semi-sub Work Rig
1977	Uncle John	Aker Group	Houlder Brothers	Rescue Platform
1976	Songa Star	Aker Nylands	Dolphin	Semi-sub Drilling Rig
1976	Borgny Dolphin	Rauma Repola	K/S Borgland Dolphin	Semi-sub Drilling Rig
1976	Borgland Dolphin	Aker Group Bergen	K/S Borgland Dolphin	Semi-sub Drilling Rig
1976	Nortrym	Aker Group Bergen	K/S Golar-Nor Offshore	Semi-sub Drilling Rig



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Year	Name	Yard	Owner	Type of Vessel
1976	Neddrill 2	V.D. Giessen	Nederlandse Scheepvaart Unie	Semi-sub Drilling Rig
1976	Vildkat	Aker Group Bergen	Sverre Ditlev Simonsen Drilling	Semi-sub Drilling Rig
1975	Bideford Dolphin	Aker Group Bergen	Blandford Shipping Co.	Semi-sub Drilling Rig
1975	Borgsten Dolphin	Aker Group Nylands	Borgsten Dolphin Services	Semi-sub Drilling Rig
1975	Borgila Dolphin	Mitsui	Dolphin	Semi-sub Drilling Rig
1975	Europe Dyvi Beta	CFEM	Dyvi Drilling	Jack-up Rig E.T.A.
1975	Europe Dyvi Gamma	CFEM	Dyvi Drilling	Jack-up Rig E.T.A.
1975	South Seas Driller	Mitsui	Houlder Offshore	Semi-sub Drilling Rig
1975	Bow Drill 1	Aker Group Bergen	Husky Bow Valley	Semi-sub Drilling Rig
1975	Ali Baba	Framnæs Mek. Verksted	Jebson Drilling	Semi-sub Drilling Rig
1975	Polymariner	Aker Group Verdøl	Rasmussen Offshore	Accom Platform
1975	Treasure Finder	Rauma Repola	Wilhelm Wilhelmsen	Semi-sub Drilling Rig
1975	Treasure Seeker	FELS	Wilhelm Wilhelmsen	Semi-sub Drilling Rig
1975	Treasure Hunter	Aker Group Nyland	Wilhelm Wilhelmsen	Semi-sub Drilling Rig
1975	Zapata Neptune	Framnæs Mek. Verksted	Zapata Offshore	Semi-sub Drilling Rig
1974	Nan Hai	Aker Group Nylands	China Ntl. Machin. Imp. & Ex.	Semi-sub Drilling Rig
1974	Norjarl	Aker Group Bergen	Gotaas-Larsen and Rowan	Semi-sub Drilling Rig
1974	Ross Rig	Framnæs Mek. Verksted	Ross Drilling Co.	Semi-sub Drilling Rig