

Reference List

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OILFIELD ***Worldwide***

(partial list)

Treatment Systems for:

- Drilling**
- Production**
- Top side facilities**

Customer/ Project	Year of Delivery	Contractor	Country Contractor	Equipment	Application	Centrifuge System
Final Customer in: <i>Angola</i>						
Esso Exploration Kizomba A FPSO	2002	Hyundai Heavy Ind	Korea	1 OSC 30	Diesel / Gas Oil	1 Single System
Esso Exploration Platform	2002	ABB Lummus	USA	2 OSC 30	Diesel / Gas Oil	1 Double
Esso Exploration Kizomba FPSO II	2003	Hyundai Heavy Ind.	Korea	2 OSC 30	Diesel / Gas Oil	1 Double
Final Customer in: <i>Brasil</i>						
Enterprise Oil	2002	Modec	USA	1 OTA 18	Diesel Oil	
Petrobras P-50 FPSO	2003	Jurong SY	Singapore	2 OSC 30	Diesel / Gas Oil	1 Double
Petrobras, Marlim FPSO-P26	1997	AESA	Spain	2 OSA 20	Diesel Oil	1 Double
Petrobras/Roncador FPSO, P-47	1998	AESA	Spain	2 OSA 20 Varizone 2 OSC 15	Diesel Oil Lube Oil	1 Double System
Final Customer in: <i>Canada</i>						
Suncor Energy	1995	Suncor	Canada	1 ODA 300	Oil Sand	
Final Customer in: <i>Chad/Cameroon</i>						
Exxon Mobile FSO	2002	Modec	USA	1 OSC 50 Unitrol	Heavy Fuel Oil	1 Single System
Final Customer in: <i>China</i>						
China National Oil Corp. FPSO Bohai Oilfield	2000	MAN	Germany	3 OSC 50, 5 OSC 15	Crude Oil / Lube Oil Crude Oil / Heavy	1 Triple System 1 Quintuple
CNOOC China Offshore FPSO-Bohai Oilfield	2000	Dalian New Shipyards	China	1 OSC 30 Unitrol	Diesel Oil	
CNOOC China Offshore Panyu FPSO	2002	CNOOC China National Offshore	China	1 OSC 15 Unitrol	Diesel / Gas Oil	1 Compact Unit C15
CNOOC China Offshore CFD 11-1 FPSO	2003	Dalian New Shipbldg.	China	2 OSD 35	Diesel / Gas Oil	

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CNOOC, China Nat. Penglai Mingzhu Test	2004	Conocophilips	USA	1 ODB 260	Crude Oil	
CNOOC,China CFD 11-1 FPSO, CN	2003	MAN B&W	Germany	3 OSC 50,1 Visco Booster Unit 5 OSD 18	Crude Oil Lube Oil	1 Triple CP 5 Single CP
JHN Oil Operating Lufeng 13-1	2002	Daihatsu Diesel	Japan	1 WSC 25 1 OSC 15 Unitrol	Heavy Fuel Oil Lube Oil	1 Single System
Offshore Oil Eng. Dongfang Field	2002	Offshore Oil Eng.	China	1 OTB 18	Diesel / Gas Oil	
Phillips China Peng Lai FPSO	2002	China National Offshore CNOOC	China	2 OSC 50	Diesel / Gas Oil	1 Double
Phillips Xijang	2003	Phillips	China	2 WSC 25	Crude Oil	
Phillips Petroleum, South China Sea Xijang (24-3) + (30-2)	1993	John Brown	USA	8 OSA 20	Crude Oil	2 Quadrouple System

Final Customer in: *Denmark*

Maersk Oil & Gas Viking DK	2003	Maersk Contractors	Denmark	1 OSD 6	Lube Oil	
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Final Customer in: *France*

BEF FPSO, H-1183	1999	Hyundai	Korea	3 OSB 35 Varizone	Diesel Oil	
Noble Drilling Ltd.	1999	Noble Drilling	Great Britain	1 OSC 5 Varizone	Diesel Oil	
Total Fina Elf Dalia Field FPU, AN	2004	Samsung Heavy Ind.	Korea	4 OSD 60	Diesel / Gas Oil	

Final Customer in: *Great Britain*

AGIP, Tiffany Field	1991	Matthew Hall	Great Britain	2 OSB 35	Diesel Oil	1 Double
Alba FSU	1998	Chevron	Great Britain	2 WSC 50	Produced Water	1 Double
Bluewater/ Rossfield	1998	Fluor Daniel	Netherlands	2 OSA 20	Diesel Oil	1 Double
BP Bruce	1991	Swaco	Great Britain	2 SC 35	Drilling Fluids	2 Single System

Customer/ Project	Year of Delivery	Contractor	Country Contractor	Equipment	Application	Centrifuge System
BP Bruce	1991	Brown & Root	Great Britain	2 OSA 20	Diesel Oil	1 Double
BP, Pierce	1997	Aker	Norway	2 WSC 50	Drain Water Produced Water	1 Double
Conoco	1995	Brittania	Great Britain	1 OSA 20	Diesel Oil	
ELF Elgin Franklin PHE	2003	ELF	Great Britain	1 Plate Heat Exchanger	Produced Water	
Elf/ Elgin Franklin	1998	Mc Dermott	Great Britain	2 WSA 100	Produced Water	1 Double
Esso Fawley	1997	Parsons	Great Britain	5 OSC 50 1 OTB 9	Heavy Fuel Oil Fuel Oil	1 Package
Exxon Mobil Beryl 'B' Platform	1981	Bechtel	Great Britain	1 OSA 35	Diesel Oil	
Kalsep	1996	Kalsep	Great Britain	1 WSC 50	Oily Water	1 Single System
Kvaerner Triton	1998	Kvaerner	Great Britain	1 OSC 30 Unitrol	Diesel Oil	1 Single System
Liverpool Bay Dev.	1994	BHP	Great Britain	1 OSA 20	Diesel Oil	1 Single System
Paul-B-Lloyd Drilling Rig	2001	Transocean Sedco Forex		1 WSC 25	Oily Water	1 Single System
Shell, Nelson	1991	Swaco	Great Britain	1 SC 35	Drilling Fluids	1 Single System
Swaco Geolograph	1990	Hall Eng.	Great Britain	1 SC 35	Drilling Fluids	1 Single System
Texaco, Captain , FPSO	1996	AESA	Spain	2 WSC 25 7 OSA 20	Crude Oil Diesel Oil	3 Double System
UK Rental Contract, Tiffany	1991	Swaco	Great Britain	1 SC 35	Drilling Fluids	1 Single System
Final Customer in: <i>India</i>						
BCP-A&B, ONGC	1998	Hyundai	Korea	1 OSA 7	Diesel Oil	1 Single System

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ONGC	1986	Daewoo	Korea	1 OSA 7 1 OTA 14	Diesel Oil Lube Oil	
ONGC, ICW	1986	Hyundai	Korea	2 OSA 7	Diesel Oil	1 Double
ONGC, ICD	1987	Hyundai	Korea	2 OSA 20	Diesel Oil	1 Double
ONGC, ICP	1988	Hyundai	Korea	2 OSA 7	Diesel Oil	1 Double
ONGC, HRG	1989	Hyundai	Korea	1 OSA 20	Diesel Oil	1 Single System
ONGC, ICG	1989	Daewoo	Korea	2 OSA 7 (Ex design)	Diesel Oil	1 Double
ONGC, WIH	1989	Hyundai	Korea	1 OSA 20	Diesel Oil	1 Single System
ONGC, NLP	1993	Hyundai	Korea	1 OSA 7	Diesel Oil	1 Single System
ONGC, NLW	1993	Hyundai	Korea	1 OSA 20	Diesel Oil	1 Single System

Final Customer in: *Indonesia*

Premier Oil Natuna Sea	2001	Premier Oil Natuna Sea Ltd.	Singapore	1 OTC 2	Hydraulic Oil	1 Single System
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Final Customer in: *Iran*

Shell, NL Soroosh/Nowrooz	2003	NPCC Technical Petrol.	United Arab Emirates	1 OTB 18 2 OTB 18	Diesel / Gas Oil Diesel / Gas Oil	1 Single System
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Final Customer in: *Ireland*

Marthon International Seven Heads Platf., IL	2003	Genesis Oil &	Great Britain	1 OTB 9	Diesel / Gas Oil	1 Single CP
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Final Customer in: *Italy*

Saipem/Agip Hull 1273	1999	Samsung	Korea	4 OSC 50 Unitrol 6 OSC 15 Varizone	Heavy Fuel Oil Lube Oil	
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Customer/ Project	Year of Delivery	Contractor	Country Contractor	Equipment	Application	Centrifuge System
Final Customer in: <i>Kazakhstan</i>						
Karachaganak	2002	Bechtel	Great Britain	2 OSC 15	Diesel / Gas Oil	1 Double
Final Customer in: <i>Malaysia</i>						
Carigali Triton Caherawala	2000	Technip/Samsung	Korea	1 OSC 30	Diesel Oil	1 Single System
Dulang-B Oilfield	1990	MSE	Malaysia	2 OTA 7	Diesel Oil	
Final Customer in: <i>Mexico</i>						
Pemex EPC74	2002	Demal / IPP	USA	2 OSC 50	Diesel Oil	1 Double
Pemex EPC39	2002	SLP / Dragados	Great Britain	2 OTC 2	Diesel Oil	1 Double
Final Customer in: <i>Myanmar</i>						
Total Myanmar	1997	Mc Dermott	Singapore	2 OSA 20	Diesel Oil	1 Double
Final Customer in: <i>Netherlands</i>						
VDS	1995			3 CA 450	Drilling Mud	
Final Customer in: <i>Nigeria</i>						
Exxon Kizomba B	2003	ABB Lummus	USA	2 OSC 30	Diesel / Gas Oil	1 Double
Exxon Mobile Dev. ERHA FPSO	2003	Hyundai	Korea	1 OSC 50	Diesel / Gas Oil	1 Single System
Total Fina Elf, Amenam-FPSO	2001	Hyundai	Korea	2 OSC 30	Diesel Oil	1 Double
Final Customer in: <i>Norway</i>						
Baker Hughes	2000	Baker Hughes	Norway	1 WSC 50	Brine	1 Container System
Baker Hughes	2001	Baker Hughes	Norway	1 WSC 50	Brine	1 Container System

Customer/ Project	Year of Delivery	Contractor	Country Contractor	Equipment	Application	Centrifuge System
Baker Hughes	2001	Baker Hughes	Norway	1 CA 458	Brine Slops	1 Decanter System
Conoco Murchison	1980	Brown, John	Netherlands	2 OSB 35	Diesel Oil	
Conocophillips Ekofisk Vekst	2003	Aker Kvaerner	Norway	1 OSD 18	Diesel / Gas Oil	1 Single CP
Draugen Field	1990	Kvaerner	Norway	1 OSA 20	Diesel Oil	1 Single System
Elf Aquitaine Norge A/S Heimdal	1984	Kvaerner	Norway	2 OSA 20	Diesel Oil	
Golar Nor	2001	Petroleum Geo Service	Norway	1 WSC 50	Produced Water	1 Single System
Norsk Hydro Troll Olje Platform	1993	Aker Engineering,	Norway	2 OSB 35 2 WSA 100	Diesel Oil Drain Water	1 Double System
Norsk Hydro Oseberg C	1998	ABB	Norway	1 OSB 35 Varizone	Diesel Oil	1 Single System
Norsk Hydro Grane	2001	Kvaerner Oil	Norway	1 OSC 30	Diesel Oil	1 Single System
Norsk Hydro, Njord	1996	ABB	Norway	1 OSB 35	Diesel Oil	1 Single System
Norsk Hydro, Visund	1996	ABB	Norway	1 OSB 35	Diesel Oil	1 Single System
Norsk Hydro, Oseberg East (F-P)	1997	ABB	Norway	1 OSA 20	Diesel Oil	1 Single System
Norsk Hydro, Troll C	1997	ABB	Norway	2 OSB 35	Diesel Oil	1 Double
Odfjell	1999	Odfjell	Norway	1 OSC 15 Varizone	Diesel Oil	
Rasmussen/Statoil H85	1998	AESA	Spain	2 OSC 30 Unitrol 2 OSC 15 Unitrol	Heavy Fuel Oil Lube Oil	1 Double System
Shelf 5	1997	Kvaerner Eng.	Norway	2 OSA 7	Diesel Oil	
Smedvig Platform Veslefrikk	1985	Daewoo	Korea	8 OSA 20	Diesel Oil	8 Single System

Customer/ Project	Year of Delivery	Contractor	Country Contractor	Equipment	Application	Centrifuge System
Snorre B Platform	1999	Kvaerner Oil	Norway	2 WSC 50 1 OSC 50 Varizone	Drain Water Diesel Oil	1 Double System
Statoil Kollnes Troll	2001	Aker Engineering	Norway	3 WSC 50	Methyl Ethylen Glycol	1 Triple System
Statoil, Sleipner Project	1989	Aker	Norway	2 OSA 20 Ex-design	Diesel Oil	1 Double
Statoil, Asgard A FPSO	1997	ABB	Norway	6 WSC 50	Drain and Slop Water	2 Triple System

Final Customer in: *Philippines*

Shell Malampaya	1999	Brown & Root	USA	1 OSC 30	Diesel Oil	1 Single System 1 Feed Pump
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Final Customer in: *Qatar*

Qatar	1989	Sembawang	Singapore	2 OSA 20	Diesel Oil	
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Final Customer in: *Russia*

Conoco, Ardalin Oilfield	1993	Paragon Engineering	USA	2 OTA 14	Diesel Oil	1 Double
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Final Customer in: *Spain*

Dramar	1997			1 OSB 35	Oil-Water Mixture	
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Final Customer in: *Sweden*

Bycosin	1996			1 WSC 25	Oil-Water Mixture	
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Final Customer in: *Taiwan*

CPC Chinese	2000	LG Engineering	Korea	5 OSC 50 Unitrol 1 OTB 9	Crude Oil	1 Sextuple System
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Final Customer in: *Thailand*

North Pailin Gas Dev.	2000	Unocal Thailand Ltd.	Thailand	1 OTB 9	Diesel Oil	1 Single System
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Customer/ Project	Year of Delivery	Contractor	Country Contractor	Equipment	Application	Centrifuge System
Final Customer in: USA						
BP Thunderhose Semi	2003	Daewoo Shipbuilding	Korea	1 OSC 30 Unitrol 3 OSC 90	Lube Oil Diesel / Gas Oil	1 Single System
BP Atlantis Platf., MX	2003	Daewoo SB & Marine	Korea	2 OSC 50	Diesel / Gas Oil	2 Single CP
Chiles "Magellan"	1999	Amfels	USA	1 OTB 3	Diesel Oil	
ENSCO "Columbus"	1999	Amfels	USA	1 OTB 3	Diesel Oil	
Falcon Drilling P-4, Peregrine IV	1997	Cammel Laird	Singapore	2 OSA 20 Varizone 2 OSA 20 Varizone	Heavy Fuel Oil Lube Oil	
Falcon Drilling P-6	1998	Lisnave	Portugal	2 OSA 20 Varizone 3 OSB 30 Varizone	Heavy Fuel Oil Lube Oil	1 Double System
Falcon Drilling P-8	1998		Canada	2 OSA 20 Varizone 3 OSB 30 Varizone	Heavy Fuel Oil Lube Oil	1 Double System
Falcon Drilling RBS-8D	2000	Reading & Bates	USA	2 OSC 20 Varizone	Diesel Oil Lube Oil	1 Double
Rowan	2003	Rowan	USA	3 OTB 9	Diesel Oil	
Shell Developm. Nakika, Mexico	2001	Shell	USA	2 WSC 50	Produced Water	1 Double
Shell Development Main Pass 252	2000	Shell Development	USA	2 WSC 25	Produced Water	1 Double
Sulphco	2002	Sulphco	USA	2 OSC 50	Crude Oil	
Transocean "Discoverer 534"	1993			1 OTA 14	Diesel Oil	1 Single System
Transocean "Discoverer 534"	1995			1 OTA 14	Diesel Oil	1 Single System
Transocean "Discoverer 7 Seas"	1996			1 OTB 9	Diesel Oil	1 Single System
Transocean	2000			1 OTB 9	Diesel Oil	

Customer/ Project	Year of Delivery	Contractor	Country Contractor	Equipment	Application	Centrifuge System
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Final Customer in: *Venezuela*

BP	1997	Technip / CBS	USA	2 OSB 35	Diesel Oil	1 Double
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Shell West Ardaneta Field	1995	Overseas Bechtel	USA	1 OSA 20	Diesel Oil	1 Single System
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Final Customer in: *Vietnam*

BP Namconson, Lan Tay Platform	2001	Hyundai Eng.	Korea	2 OSC 15	Diesel Oil	1 Double
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Japan Vietnam Petroleum Rang Dong Field	2002	Worley	Australia	1 OTB 9	Diesel / Gas Oil	1 Single System
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