



Year	Short name	Scope	Owner	Vessel	Place
2021-2022	Diving Support Vessels	Thruster drive systems 4 x 1600 kW AFE frequency converter water cooled 4 x 1600 kW E-motor watercooled 4 x 1800 kW AFE frequency converter water cooled 4 x 1800 kW E-motor watercooled Projectmanagement, engineering, system integration Commissioning and sea trials 2022/23	TBA	TBA	India
2020	Dredger	Multidrive 12 pulse 1 x 2650 kW DFE rectifier 1 x 2000 kW Inverter submersible dredge pump 1 x 650 kW inverter jet pump Phase shift transformer, 3500 kVA 440 V Projectmanagement, engineering, system integration Commissioning and sea trials 2020	Spaansen Marine Aggregates BV	Yed Prior	Netherlands
2019	Expedition Cruise Vessel	2 x 1450 kW AFE frequency converter water cooled 2 x 1450 kW E-motor watercooled 2 x 400 kW 12 pulse frequency converter air cooled 2 x 400 kW E-motor air cooled Engineering, supply and commissioning	Royal Caribbean Cruises Ltd.	Silver Origin	Netherlands
2018	LNG Bunkering Barge	Thruster drive system 1 x 900 kW AFE frequency converter water cooled 2 x 900 kW E-motor jacked water cooled Engineering, supply and commissioning	Q-LNG	TBA	United States
2018	Expedition Cruise Vessel	Main propulsion / thruster drive systems 2 x 1450 kW AFE frequency converter water cooled 2 x 1450 kW E-motor watercooled 2 x 400 kW 12 pulse frequency converter air cooled 2 x 400 kW E-motor air cooled Engineering, supply and commissioning	Royal Caribbean Cruises Ltd.	Celebrity Flora	Netherlands
2016	Passenger Vessel	Main Propulsion / thruster drive systems 2 x 905 kW AFE frequency converter water cooled 2 x 905 kW E-motor water cooled	Uniworld	Joie de Vivre	France



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		1 x 450 kW AFE frequency converter air cooled 1 x 150 kW AC slipring motor 1 x 150 kW Speed/slip regulation cabinet with air cooled resistor Engineering, supply and commissioning			
2016	Offshore Fisheries Science Vessel	Thruster drive system 1 x 690 kW AFE frequency converter water cooled 1 x 690 kW E-motor watercooled IC77W Engineering, supply and commissioning	Canadian Coast Guard	TBA	Canada
2016	Offshore Support Vessel	Thruster drive system 1 x 600 kW AFE frequency converter water cooled 1 x 600 kW E-motor air cooled IC06 Engineering, supply and commissioning	TBA	TBA	China
2016	Offshore supplier	Thruster drive system 2 x 11000 kW AFE frequency converter water cooled 2 x 1100 kW E-motor watercooled IC77W 2 x 925 kW E-motor watercooled IC77W Engineering, supply and commissioning	CFL	Joint X - Vessel 2	Croatia
2015	Bowthruster drives	AC slipring marine motors air cooled Speed/slip regulation cabinets with air cooled resistors Engineering, manufacturing, supply	Several owners	Several vessels	Worldwide
2015	Offshore supplier	Thruster drive system 2 x 11000 kW AFE frequency converter water cooled 2 x 1100 kW E-motor watercooled IC77W 2 x 925 kW E-motor watercooled IC77W Engineering, supply and commissioning	CFL	Joint X - Vessel 1	Netherlands
2015	Offshore supplier	Thruster drive system 1 x 700 kW AFE frequency converter water cooled	TBA	TBA	China



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		1 x 700 kW E-motor water cooled IC01 Engineering, supply and commissioning			
2015	Bowthruster drives	AC squirrel cage marine motors air cooled Starter cabinets with auto transformer or soft starters Engineering, manufacturing, supply	Several owners	Several vessels	Worldwide
2015	Offshore Fisheries Science Vessel	Thruster drive system 1 x 690 kW AFE frequency converter water cooled 1 x 690 kW E-motor watercooled IC77W Engineering, supply and commissioning	Canadian Coast Guard	TBA	Canada
2015	Platform	Extension Ensco 8503 second winch Supply of material, engineering and commissioning	Ensco	8503	USA
2015	Offshore supplier	Thruster drive system 1 x 700 kW AFE frequency converter water cooled 1 x 700 kW E-motor water cooled IC01 Engineering, supply and commissioning	TBA	TBA	China
2015	Offshore Fisheries Science Vessel	Thruster drive system 1 x 690 kW AFE frequency converter water cooled 1 x 690 kW E-motor watercooled IC77W Engineering, supply and commissioning	Canadian Coast Guard	Sir John Franklin	Canada
2015	Workboat Eurocarrier	Thruster drive system 1 x 330 kW AFE frequency converter air cooled Engineering, supply and commissioning	Neptune	Inne K	Netherlands
2015	Offshore Support Vessel	thruster 1x 700kW active front end drive water cooled 1x 700 kw motor	Chuanzheng Oversea Development	Vos Start	Netherlands



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2015	Offshore Supply Ship	Thruster units 1x 700 kW Active Front end Drive, watercooled frequency converter 1x 700 kW Aircooled e-motor Commissioning 2015	SinoInterl FSES 3 Ltd	Vos Stone	Netherlands
2014	Bowthruster drives	AC squirrel cage marine motors air cooled Starter cabinets with auto transformer or soft starters Engineering, manufacturing, supply	Several owners	Several vessels	Worldwide
2014	Bowthruster drives	AC slipring marine motors air cooled Speed/slip regulation cabinets with air cooled resistors Engineering, manufacturing, supply	Several owners	Several vessels	Worldwide
2014	Platform	Extension Ensco B303 second winch Supply of material, engineering and commissioning			
2014	Offshore supply vessel	Main Propulsion / thruster drive systems/FiFi pump 2 x 900kW AFE frequency converter water cooled 2 x 900kW E-motor water cooled 1 x 450kW 12P frequency converter air cooled Phase shift transformer 600kVA 1 x 450 kW E-motor air cooled Autotransformer starter fifi pump 1 x666kW E-motor air cooled fifi pump Engineering, supply and commissioning	Awaritse Nigeria Limited	PRINCE JOB I	Nigeria
2014	Offshore supply vessel	Main Propulsion / thruster drive systems/FiFi pump 2 x 1150kW AFE frequency converter water cooled 2 x 1150kW E-motor water cooled 2 x 550kW 12P frequency converter air cooled Phase shift transformer 700kVA 2 x 550 kW E-motor air cooled Autotransformer starter 1 x666kW E-motor air cooled Engineering, supply and commissioning	Delta Logistics	Delta Admiral	Trinidad



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2014	Passenger Vessel	Main Propulsion / thruster drive systems 2 x 850kW AFE frequency converter water cooled 2 x 850 kW E-motor water cooled 1 x 450kW AFE frequency converter air cooled 1 x 450 kW E-motor air cooled 1 x 150kW AC slipping motor 1 x 150kW Speed/slip regulation cabinet with air cooled resistor Engineering, supply and commissioning	Uniworld	SS Maria Theresa	France
2014	Passenger Vessel	Main Propulsion / thruster drive systems 2 x 850kW AFE frequency converter water cooled 2 x 850 kW E-motor water cooled 1 x 450kW AFE frequency converter air cooled 1 x 450 kW E-motor air cooled 1 x 150kW AC slipping motor 1 x 150kW Speed/slip regulation cabinet with air cooled resistor Engineering, supply and commissioning	Uniworld	SS Catherine	France
2013	Crude Oil Tanker	Electrical control system for combined for Anchor, Mooring and Riser winches 1 Switchboard included frequency converter and build in PLC. 1 Brake resistors 100 kW Engineering, supply and commissioning	Ptsc Asia Pacific	Poseidon M	Canada/Middle East
2013	Diving support vessel	Main Propulsion / thruster drive systems 2 x 2200kW AFE frequency converter water cooled 1 x 2200kW double rectifier AFE frequency converter water cooled 3 x 1500kW AFE frequency converter water cooled Engineering, supply and commissioning	Scotisch Highlands	Caballo Marango DP3	Singapore
2013	Offshore Construction Vessel	Main Propulsion / thruster drive systems 2 x 3333kW AFE frequency converter water cooled 1 x 3333kW double rectifier AFE frequency converter water cooled Engineering, supply and commissioning		DP3	Middle East
2012	Ship to Shore crane	1 x Hoist motor 375kW 1 x Boom hoist motor 134kW	Bolloré - Abidjan	2 x STS cranes	Africa



Year	Short name	Scope	Owner	Vessel	Place
		4 x Trolley travel motor 53kW 24 x Gantry travel motor 19kW			
2012	Ship to Shore crane	1 x Hoist motor 375kW 1 x Boom hoist motor 134kW 4 x Trolley travel motor 53kW 36 x Gantry travel motor 12kW	Bolloré - Tema	2 x STS cranes	Africa



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2012	Offshore platform	Electrical control system for 4 DC winches, Delivery of 4 local control stands, IP56, with build in PLC. Delivery of 1 central monitoring panel for all winches Engineering, supply and commissioning	ENSCO	Ensco platform 8506	Singapore
2012	Dredging Split barges	Thruster drive systems 2 x 550 kW AFE frequency converter water cooled 2 x 550 kW E-motor air cooled Engineering, supply and commissioning	Jan de Nul Belgium	Marquis de Prié Tiger	China
2012	Platform supply vessel	Main Propulsion / thruster drive systems 2 x 900 kW AFE frequency converter water cooled 2 x 900 kW E-motor water cooled 2 x 450 kW 12 pulse frequency converter air cooled 2 x 450 kW E-motor air cooled 2 x 450 kW phase shift transformer Engineering, supply and commissioning	Oceanografia	Caballo Genitor	The Netherlands
2012	Crane vessel	Load banks for crane system 20 x 650kW resistor loadbanks included controls	Heerema	Thialf	The Netherlands
2012	Crane\pipe layer vessel	Load banks for crane system 4 x 600kW resistor loadbanks included controls	Vships-Zafiro Marine	SHCV Sampson	Cyprus\UK
2012	Ship to Shore crane	1 x Hoist motor 450kW 1 x Boom hoist motor 81kW 4 x Trolley travel motor 30kW 10 x Gantry travel motor 24kW	Neva Metal	1 x STS cranes	Russia
2012	Ship to Shore crane	1 x Hoist motor 375kW 1 x Boom hoist motor 134kW 4 x Trolley travel motor 53kW 24 x Gantry travel motor 19kW	Bolloré	4 x STS cranes	Africa



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2012	Ship to Shore crane	2 x Hoist motor 500kW 1 x Boom hoist motor 325kW 1 x Trolley travel motor 325kW 24 x Gantry travel motor 16kW	ICTSI	4 x STS cranes	Mexico
2011	Ship to Shore crane	2 x Hoist motor 730kW 1 x Boom hoist motor 269kW 1 x Trolley travel motor 280kW 16 x Gantry travel motor 24kW	SPRC	2 x STS cranes	Colombia
2011	Dredging Split barges	Thruster drive systems 2 x 550 kW AFE frequency converter water cooled 2 x 550 kW E-motor water cooled air cooled Engineering, supply and commissioning	Jan de Nul Belgium	Arent Leeuw	China
2011	Accommodation Barge	Thruster drive systems 1 x 1000kW AFE frequency converter water cooled 1 x 1000kW E-motor air cooled 1 x 1355kW auto transformer in cabinet 1 x 1355kW E-motor air cooled Engineering, supply and commissioning	Offcon / CPL	Jascon 31 DP-3	China
2011	Diving support vessel	3 x 900 kW AFE frequency converter water cooled 3 x 900 kW E-motor water cooled 2 x 1500 kW AFE frequency converter water cooled 2 x 1500 kW E-motor water cooled Engineering, supply and commissioning	Oceanografia	Don Daniel	The Netherlands
2011	Platform supply vessel	Main Propulsion / thruster drive systems 2 x 900 kW AFE frequency converter water cooled 2 x 900 kW E-motor water cooled 2 x 450 kW 12 pulse frequency converter air cooled 2 x 450 kW E-motor air cooled 2 x 450 kW phase shift transformer Engineering, supply and commissioning	Oceanografia	Caballo Xanthus	The Netherlands





Year	Short name	Scope	Owner	Vessel	Place
2011	Sheerleg crane	Update of hoist and winch system 2 x AC frequency drives 1 x PLC and crane PLC programm Control system additional parts Engineering, supply and commissioning	Asian Lift	Asian Helping Hand III	Singapore
2011	Platform supply vessel	Main Propulsion / thruster drive systems 2 x 900 kW AFE frequency converter water cooled 2 x 900 kW E-motor water cooled 2 x 450 kW 12 pulse frequency converter air cooled 2 x 450 kW E-motor air cooled 2 x 450 kW phase shift transformer Engineering, supply and commissioning	Oceanografia	Caballo Galiceño	The Netherlands
2011	Pipe laying vessel	Carrousel / tensioner system 5 x 32 kW tensioner motors 5 x 30 kW carrousel motors	Subsea 7	Skandi Niterói	Norway
2011	Cable layer	Carrousel / tensioner system 2 x 10 kW tensioner motors 3 x 21 kW tensioner motors 12 x 75kW carrousel motors	Aker Solutions	Aker Connector	Norway
2011	Platform supply vessel	Main Propulsion / thruster drive systems 2 x 900 kW AFE frequency converter water cooled 2 x 900 kW E-motor water cooled 2 x 450 kW 12 pulse frequency converter air cooled 2 x 450 kW E-motor air cooled 2 x 450 kW phase shift transformer Engineering, supply and commissioning	Oceanografia	Don Alfonso	The Netherlands



Year	Short name	Scope	Owner	Vessel	Place
2010	Diving support vessel	Main Propulsion / thruster drive systems 3 x 900 kW AFE frequency converter water cooled 3 x 900 kW E-motor water cooled 2 x 1500 kW AFE frequency converter water cooled 2 x 1500 kW E-motor water cooled Engineering, supply and commissioning	Oceanografia	Amado Daniel	The Netherlands
2010	Ship to Shore crane	2 x Hoist motor 375kW 1 x Boom hoist motor 134kW 4 x Trolley travel motor 53kW 16 x Gantry travel motor 16kW	EVYAP	2 x STS cranes	Turkey
2010	Offshore support vessel	Main Propulsion / thruster drive systems 1 x 565 kW AFE frequency converter water cooled 1 x 565 kW E-motor water cooled 1 x 780 kW AFE frequency converter water cooled 1 x 780 kW E-motor water cooled 2 x 1500 kW AFE frequency converter water cooled 2 x 1500 kW E-motor water cooled Engineering, supply and commissioning	Noordhoek Offshore BV	Constructor	Japan / The Netherlands
2010	Offshore support vessel	Main Propulsion / thruster drive systems 2 x 900 kW AFE frequency converter water cooled 2 x 900 kW E-motor water cooled 2 x 350 kW 12 pulse frequency converter air cooled 2 x 350 kW E-motor air cooled 2 x 350 kW phase shift transformer Engineering, supply and commissioning	URS	Pathfinder	The Netherlands
2010	Offshore platform	Electrical control system for 4 DC winches, Delivery of 4 local control stands, IP56, with build in PLC. Delivery of 1 central monitoring panel for all winches Engineering, supply and commissioning	ENSCO	Ensco platform 8503	Singapore



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2010	Platform supply vessel	Main Propulsion / thruster drive systems 2 x 900 kW AFE frequency converter water cooled 2 x 900 kW E-motor water cooled 2 x 450 kW 12 pulse frequency converter air cooled 2 x 450 kW E-motor air cooled 2 x 450 kW phase shift transformer Engineering, supply and commissioning	Oceanografia	Caballo Siete Leguas	The Netherlands
2010	Offshore platform	Electrical control system for AC winches, 2 local control stands, IP56, 1 central monitoring panel for all winches 2 switchpanels with frequency converters and PLC 2 AC Motors 350 kW 2 Brake resistors 200 kW Engineering, supply and commissioning	Floatel	SSAU B307	Singapore
2010	Offshore platform	Electrical control system for 4 DC winches, Delivery of 4 local control stands, IP56, with build in PLC. Delivery of 1 central monitoring panel for all winches Engineering, supply and commissioning	ENSCO	Ensco platform 8504	Singapore
2010	Special service workboat	1 x 650 kW AFE frequency converter water cooled Engineering, supply and commissioning	Stemat	Stemat Spirit	China / The Netherlands
2010	Offshore platform	Electrical control system for 4 DC winches, Delivery of 4 local control stands, IP56, with build in PLC. Delivery of 1 central monitoring panel for all winches Engineering, supply and commissioning	ENSCO	Ensco platform 8505	Singapore



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2009	Multi purpose vessel	Thruster drive systems 2 x 370kW frequency converter air cooled 2 x 370kW E-motor air cooled 2 x 40kW brake resistor Engineering, supply and commissioning	Offcon / CPL	Jascon 20 DP-2	China
2009	Offshore platform	Electrical control system for 4 DC winches, Delivery of 4 local control stands, IP56, with build in PLC. Delivery of 1 central monitoring panel for all winches Engineering, supply and commissioning	ENSCO	Ensco platform 8501	Singapore
2009	Platform supply vessel	Main Propulsion / thruster drive systems 2 x 900 kW AFE frequency converter water cooled 2 x 900 kW E-motor water cooled 2 x 450 kW 12 pulse frequency converter air cooled 2 x 450 kW E-motor air cooled 2 x 450 kW phase shift transformer Engineering, supply and commissioning	Oceanografia	Caballo as de Oros	The Netherlands
2009	Offshore platform	Electrical control system for 4 DC winches, Delivery of 4 local control stands, IP56, with build in PLC. Delivery of 1 central monitoring panel for all winches Engineering, supply and commissioning	ENSCO	Ensco platform 8502	Singapore
2009	Ship to Shore crane	2 x Hoist motor 375kW 1 x Boom hoist motor 110kW 4 x Trolley travel motor 53kW 12 x Gantry travel motor 19kW	IPM Altamira	1 x STS cranes	Mexico



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2008	Offshore platform	Electrical control system for 4 DC winches, Delivery of 4 local control stands, IP56, with build in PLC. Delivery of 1 central monitoring panel Engineering, supply and commissioning	ENSCO	Ensco platform 8500	Singapore
2008	Multi purpose vessel	Thruster drive systems 2 x 370kW frequency converter air cooled 2 x 370kW E-motor air cooled 2 x 40kW brake resistor Engineering, supply and commissioning	Offcon / CPL	Jascon 21 DP-2	China
2008	Accomodation barge	Thruster drive systems 2 x 1000kW AFE frequency converter water cooled 2 x 1000kW E-motor air cooled 2 x 1355kW auto transformer in cabinet 2 x 1355kW E-motor air cooled Engineering, supply and commissioning	Offcon / CPL	Jascon 28 & 30 DP-3	China
2008	Casino Boat	Thruster drive systems 3 x 850kW AFE frequency converter water cooled Engineering, supply and commissioning	Harrah's casino	Casino boat	USA
2008	Dredger	Thruster drive system 1 x 750kW AFE frequency converter water cooled Switchable 6 pulse / AFE Mode Engineering, supply and commissioning	USA Dept of the army (corps of engineers)	Essayons YN402	USA
2008	Fuel Bunker Barge	Thruster drive systems 2 x 500kW AFE frequency converter air cooled 1 x 420kW AFE frequency converter air cooled Engineering, supply and commissioning	SMIT Amandla Marine	Smit Lipuma	South Afrika



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2008	Research	Main propulsion/thruster drive systems 2 x 900kW AFE frequency converter water cooled 2 x 900kW E-motor water cooled 2 x 350kW 12 pulse frequency converter air cooled 2 x 350kW E-motor air cooled 2 x 350kW, phase shift transformer Engineering, supply and commissioning	Oceanografia	Caballo Criollo	The Netherlands
2008	Offshore support vessel	Main Propulsion/thruster drive systems 2 x 900kW AFE frequency converter water cooled 2 x 900kW E-motor water cooled 2 x 350kW 12 pulse frequency converter air cooled 2 x 350kW E-motor air cooled 2 x 350kW, phase shift transformer Engineering, supply and commissioning	Oceanografia	Caballo Lusitano	The Netherlands
2008	Diving support vessel	Main Propulsion / thruster drive systems 3 x 900 kW AFE frequency converter water cooled 3 x 900 kW E-motor water cooled 2 x 1500 kW AFE frequency converter water cooled 2 x 1500 kW E-motor water cooled Engineering, supply and commissioning	Oceanografia	Don Amado	The Netherlands
2008	Vessel jacking system	Water cooled brake resistors 3 x 856kW water cooled brake resistors			
2007	Crane vessel	Load banks water cooled 3 x Water cooled resistor of 2x 529kW	Heerema	Thialf	The Netherlands
2006	Offshore	Thruster drive systems 2 x 1700kW E-motor water cooled 1 x 535kW E-motor water cooled 1 x 350kW e-motor 1 x 350kW, 12 pulse frequency converter 1 x 350kW, phase shift transformer	Otto Candies L.L.C.	Celia Candies	USA Houma



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2005	Offshore	Thruster drive systems 2 x 1700kW E-motor water cooled 1 x 535kW E-motor water cooled 1 x 350kW E-motor water cooled 1 x 350kW, 12 pulse frequency converter air cooled 1 x 350kW, phase shift transformer	Otto Candies L.L.C.	Emily Candies	USA Houma
2005	Container cranes	12 x Hoist motor 500kW 12 x Trolley travel / boom hoist motor 250kW 144 x Long travel motor 29kW Accessoires	P&O	6 x container cranes deurganckdok	Belgium Antwerpen
2005	Lifting vessel	Update of 1600 ton Hoist system 5 x DC drives 1 x PLC and crane PLC programm Control system additional parts Engineering, supply and commissioning	Smit Singapore	Asian Hercules	Singapore
2004	Stone dumping vessel	Thruster drive systems 2 x 1500 AFE frequency converter water cooled 2 x 1200kW frequency converter water cooled 2 x 1500kW E-motor water cooled 2 x 1200kW E-motor water cooled Engineering, supply and commissioning	Tideway	Rollingstone	The Netherlands Flussingen
	Bowthruster drives	AC squirrel cage marine motors Starter cabinets with auto transformer or soft starters Engineering, manufacturing, supply	Several owners	Several vessels	Worldwide
	Bowthruster drives	AC slipring marine motors Speed/slip regulation cabinets with air cooled resistors Engineering, manufacturing, supply	Several owners	Several vessels	Worldwide



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