

New Build Projects				
PROJECT	YEAR	CLIENT	WORKSCOPE	Rules Applied
DND Barge	2009	CME - Halifax	Supply of Fire Dampers	ABS/SOLAS
Seafox7-New LQ	2009	IPL(Intech Power) Aberdeen	Accommodation module HVAC Design/Supply of Fire Dampers	ABS/SOLAS
ENSCO 8500	2009	Infinity Marine	Commissioning Support in USA for new build semi from Keppel FELS	ABS
ENSCO 89	2009	Infinity Marine	BOP Room and SCR Room turnkey supply and installation of new A/C	ABS/SOLAS
ENSCO 93	2009	Infinity Marine	BOP Room and SCR Room turnkey supply and installation of new A/C	ABS/SOLAS
Seafox7-Upgrade	2009	IPL(Intech Power) Aberdeen	Accommodation module HVAC Design/Supply of Fire Dampers	ABS/SOLAS
Megathyst	2008	Pride USA	Selection and Supply of Air terminal boxes, thermostat etc.. for Meagthyst Rig Accommodation upgrade	ABS/SOLAS
Transocean Drillship-DEEPWATER CHAMPION	2008	Transocean-USA	Complete design audit for HVAC System on Drillship constructed at Hyundai Heavy Industry Korea	ABS/SOLAS
Noble JIM DAY	2008	Noble Drilling - USA	Design of Drillers Cabin HVAC System for Semisub, construction by Jurong Shipyard- Work Scope include design of NFPA 496 compliant pressurization system and Comfort air conditioning	ABS/USCG/SOLAS/
Noble DANNY Adkins	2008	Noble Drilling - USA	Design of Drillers Cabin HVAC System for Semisub, construction by Jurong Shipyard- Work Scope include design of NFPA 496 compliant pressurization system and Comfort air conditioning	ABS/USCG/SOLAS/
PEMEX CHEMUL Semi	2008	Irving Shipbuilding-Canada	Supply of Chillers, Pumps and Ventilation fans	Lloyds-North America
891-3-Compact Semi Sub (CSS)	2008	STX-Europe	FEED, Basic Design of complete HVAC system for LQ and Hull, DP3 compliance, Design per ABS codes	ABS/USCG/SOLAS/
ODFJELL OIL-DEEP SEA STAVANGER	2008	Daewoo Shipbuilding Korea GVAC 7500	Design/Equipment supply of Semi HVAC for the Living Quarters, Hull and Engineering Spaces Odfjell H3025	Norsok/NMD/PSA/D NV
GlobalSantaFe ARCTIC-III	2008	GlobalSantaFe - USA	Design for HVAC system & upgrade of Semi Rig HVAC Systems	DNV/SOLAS
REMEDIAL OFFSHORE	2007	BEACON MARINE	Design of LQ and Technical Spaces HVAC System for Jack Up, Construction by Beacon and Chinese Shipyard	ABS/USCG/SOLAS
ODFJELL OIL-DEEP SEA ATLANTIC	2007	Daewoo Shipbuilding Korea GVAC 7500	Design/Equipment supply of Semi HVAC for the Living Quarters, Hull and Engineering Spaces Odfjell H3023	Norsok/NMD/PSA/D NV

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Noble JIM DAY	2007	Noble Drilling - USA	Design of LQ and Technical Spaces HVAC System for Semisub, construction by Jurong Shipyard/ Equipment Supply to Noble	ABS/USCG/SOLAS
GlobalSantaFe DEVELOPMENT DRILLER III	2007	GlobalSantaFe - USA	Design analysis of Semi HVAC Systems for newbuild, construction by Keppel FELS Shipyard	ABS/USCG/SOLAS
OPTI-EX high temperature applications	2007	Exmar Offshore / Lone Star Marine Shelters	Design and turnkey installation for all the air conditioning for the LQ and electrical spaces. The air conditioning consisted of multiple split systems with air cooled condensers. The air handlers and condensers were in 316L stainless All the equipment was built to meet the class 1 division 2 hazardous zone criteria.	USCG, ABS / SOLAS /IMO
Noble DANNY ADKINS	2007	Noble Drilling - USA	Design and turnkey installation of LQ and Technical Spaces HVAC System for Semisub, construction by Jurong Shipyard/ Equipment Supply to Noble	ABS/USCG/SOLAS
Noble DAVE BEARD	2007	Noble Drilling - USA	Design and turnkey installation of LQ and Technical Spaces HVAC System for Semisub, construction by Dalian, China Shipyard/ Equipment Supply to Noble	ABS/USCG/SOLAS
Pride Alabama	2006	Pride International	Design and turnkey installation for the air conditioning and refrigeration systems for the LQ, and air conditioning for the electrical rooms. Provisions plants having walk in cooler and freezers chambers . Low temperature system consisting of a single, semi-hermetic air cooled compressor skid was provided with 100% redundant air cooled compressor skid. The walk in cooler and freezer chambers were constructed completely of 316L stainless steel inside and outside and the flooring was constructed of heavy gauge 316L stainless steel.	ABS / SOLAS /IMO.
Pride Oklahoma	2006	Pride International		ABS / SOLAS /IMO.
Pride Nebraska	2006	Pride International		ABS / SOLAS /IMO.
Pride Tennessee	2006	Pride International		ABS / SOLAS /IMO.
Noble DAVID BEARD	2006	Noble Drilling - USA	Design and turnkey installation of LQ and Technical Spaces HVAC System for Semisub, construction by Dalian Shipyard/ Equipment supply to Noble.	ABS/USCG/SOLAS
West AQUARIUS	2006	Daewoo Shipbuilding Korea GVAC 7500	Design/supply of platform HVAC for the Living Quarters, Hull and Engineering Spaces SeaDrill H3019	Norsok/NMD/PSA/D NV
West HERCULES	2006	Daewoo Shipbuilding Korea GVAC	Design/supply of platform HVAC for the Living Quarters, Hull and Engineering Spaces SeaDrill H3020	Norsok/NMD/PSA/D NV

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		7500		
West EMINENCE	2006	Shinhan Machinery Company Korea	Design/supply of platform HVAC for the Living Quarters (Smedvig Offshore/SeaDrill) constructed by Samsung Heavy Ind.	Norsok/NMD/PSA/D NV
Scorpion COURAGEOUS	2006	Scorpion Offshore - USA	Design and turnkey installation of LQ and Technical Spaces HVAC System for Jack Up, Construction by Keppel AmFELs	ABS/USCG/SOLAS
Scorpion DEFENDER	2006	Scorpion Offshore - USA	Design and turnkey installation of LQ and Technical Spaces HVAC System for Jack Up, Construction by Keppel AmFELs	ABS/USCG/SOLAS
Scorpion RESOLUTE	2006	Scorpion Offshore - USA	Design and turnkey installation of LQ and Technical Spaces HVAC System for Jack Up, Construction by Keppel AmFELs	ABS/USCG/SOLAS
Scorpion VIGILANT	2006	Scorpion Offshore - USA	Design and turnkey installation of LQ and Technical Spaces HVAC System for Jack Up, Construction by Keppel AmFELs	ABS/USCG/SOLAS
Scorpion INTREPID	2006	Scorpion Offshore - USA	Design and turnkey installation of LQ and Technical Spaces HVAC System for Jack Up, Construction by Keppel AmFELs.	ABS/USCG/SOLAS
West PHOENIX	2005	Shinhan Machinery Company Korea	Design/supply of platform HVAC for the Living Quarters including cold store refrigeration plant.(Smedvig Offshore/SeaDrill) Commissioned in 2007	Norsok/NMD/PSA/D NV
Exxon-Mobil Sable Tier II Compression	2005	Daewoo Shipbuilding Korea	Design/supply of platform HVAC, MCC and FGS Modular Control Panel. Air handlers by Rosemex, condensing units and packaged Zone 1 units by Toromont. Fans by Witt & Sohn	Lloyds/ Transport Canada/CCGSSB
Ensco 60	2005	Ensco International	Design and turnkey installation for air conditioning and refrigeration systems for the living quarters, and electrical rooms. The air conditioning consisted of multiple split systems with air cooled condensers. On the provisions plants the walk in cooler and freezers chambers are 20'x20' in size. A single, semi-hermetic air cooled compressor skid was provided with 100% redundant air cooled compressor skid. The walk in cooler and freezer chambers were constructed completely of 316L stainless steel inside and outside and the flooring was constructed of heavy gauge 316L stainless steel.	ABS / SOLAS /IMO.
Ensco 68				
Ensco 7				
Ensco 84				
Ensco 86				
Ensco 87				
Ensco 88				
Ensco 89				
Ensco 93				

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PROJECT	YEAR	CLIENT	WORKSCOPE	Rules Applied
Ensco 98	2004			
Ensco 99				
Ensco 82				

Marine/Naval HVAC Projects				
PROJECT	YEAR	CLIENT	WORKSCOPE	Rules Applied
HMCS PRESERVER	2008	National Defence Canada	Design Cold Room and Freezer RFG Plants and Systems	Canadian Navy/Lloyds
HMCS PROTECTEUR	2007	National Defence Canada	Design Cold Room and Freezer RFG Plants and Systems	Canadian Navy/Lloyds
EMERALD SEA	2007	Secunda Marine	Design of Accommodation HVAC Upgrade for Platform Supply Vessel	DNV/SOLAS
DND Canada HALIFAX CLASS Frigates	2005	National Defence Canada	Design/supply Propulsion Engine Enclosure Vent System for 12 Navy Frigates (HALIFAX Class). Fans and dampers from Witt & Sohn	Canadian Navy/Lloyds
US ARMY SBX Missile Defense Project	2004	Peter Kewit Offshore	Design of US Army Radar Platform cooling and ventilation systems for the sea based X-Band radar platform for the long range missile program	USN/Raytheon
US Navy INLS Platforms	2004	Marinette Marine USA	Design HVAC Systems for Integrated Navy Literage Vessels	ABS/USCG/SOLAS

Refrigeration Service/ Contracts				
PROJECT	YEAR	CLIENT	WORKSCOPE	Rules Applied
S/S Equality State	2001-current	US Government	Provide complete service on all Refrigeration and Air Conditioning systems. The Provisions plant systems are multiple walk in coolers and freezers ranging in sizes from 20'x20' to 6'x6' all tied to a single 5-H60 compressor with a redundant compressor skid. All shell and tube condensers are marine grade with CU/NI condenser tubes acceptable for sea water as the cooling medium. Service consisted on preventive maintenance, Freon conversion from R-12 to R-134A, and general trouble shooting. Typical repair work consisted of: cleaning sea water condensers, replacing direct coupled motors, replacing open drive compressors, on site re-building of open drive compressors, replacing txv's, cleaning evaporator coils, replacing solenoid valves/coils, trouble shooting controls and Freon leak search / repair.	USCG, ABS, SOLAS, IMO
S/S Diamond State				
S/S Cape Trinity				
S/S Cape Farewell				
Sea Bulk Massachusetts	2001-current	Sea bulk international	Provide complete service on all Refrigeration and Air Conditioning systems. The Provisions plant systems are dual walk in coolers and freezers with the approximately 10'x10' both tied to a single semi-hermetic compressor skid with a redundant compressor skid. All shell and tube condensers are marine grade with CU/NI condenser tubes acceptable for sea water as the cooling medium. Service consisted on preventive maintenance, and general trouble shooting. Typical repair work consisted of: cleaning sea water condensers, replacing direct coupled motors, replacing open drive compressors, on site re-building of open drive compressors, replacing txv's, cleaning evaporator coils, replacing solenoid valves/coils, trouble shooting controls and Freon leak search / repair.	USCG, ABS, SOLAS, IMO
Sea Bulk Magana Chemical				
Sea Bulk Wisconsin				
Sea Bulk Challenger				
Sea Bulk America				
Sea Bulk Kansas				
Sea Bulk New Hampshire				
Sea Bulk Marilyn				
Sea Bulk Arizona				
Sea Bulk Colorado				
Marine Service	2001-current	Exxon Marine	Provide complete service on all Refrigeration and Air Conditioning systems. The Provisions plant systems are dual walk in coolers and freezers with the approximately 10'x10' both tied to a single semi-hermetic compressor skid with a redundant compressor skid. All shell and tube condensers are marine grade with CU/NI condenser tubes acceptable for sea water as the cooling medium. Service consisted on preventive maintenance, and general trouble shooting. Typical repair work consisted of: cleaning sea water condensers, replacing direct coupled motors, replacing open drive compressors, on site re-building of open	USCG, ABS, SOLAS, IMO

Refrigeration Service/ Contracts				
PROJECT	YEAR	CLIENT	WORKSCOPE	Rules Applied
			drive compressors, replacing txv's, cleaning evaporator coils, replacing solenoid valves/coils, trouble shooting controls and Freon leak search / repair.	
MV Monsieur	2003-current	American Heavy Lift	Provide complete service on all Refrigeration and Air Conditioning systems. The Provisions plant systems are dual walk in coolers and freezers with the approximately 8'x8' both tied to a single semi-hermetic compressor skid with a redundant compressor skid. All shell and tube condensers are marine grade with CU/NI condenser tubes acceptable for sea water as the cooling medium. Service consisted on preventive maintenance, and general trouble shooting. Typical repair work consisted of: cleaning sea water condensers, replacing direct coupled motors, replacing open drive compressors, on site re-building of open drive compressors, replacing txv's, cleaning evaporator coils, replacing solenoid valves/coils, trouble shooting controls and Freon leak search / repair. Fabricated of 316L stainless steel and Installed new split systems for the control rooms to meet class 1 division 1 atmosphere.	USCG, ABS, SOLAS, IMO
MV Downings				
MV New River				
MV Anastazi				
MV Sea River Everett	2003/Current	Exxon Mobil	Provide complete service on all Refrigeration and Air Conditioning systems. The Provisions plant systems are dual walk in coolers and freezers with the approximately 8'x8' both tied to a single semi-hermetic compressor skid with a redundant compressor skid. All shell and tube condensers are marine grade with CU/NI condenser tubes acceptable for sea water as the cooling medium. Service consisted on preventive maintenance, and general trouble shooting. Typical repair work consisted of: cleaning sea water condensers, replacing direct coupled motors, replacing open drive compressors, on site re-building of open drive compressors, replacing txv's, cleaning evaporator coils, replacing solenoid valves/coils, trouble shooting controls and Freon leak search / repair. Fabricated of 316L stainless steel and Installed new split systems for the control rooms to meet class 1 division 1 atmosphere.	USCG, ABS, SOLAS, IMO
MV Sea River Charleston				
MV Sea River Bristol Bay				