

REFERENCE LIST

OFFSHORE PROJECTS



With 75 years in the market, Novenco Marine & Offshore is among the most experienced suppliers of HVAC systems. Novenco Marine & Offshore has been supplying HVAC systems to the offshore sector for more than 30 years and is today a well-recognized and respected supplier to this demanding market. We cover projects from harsh artic environment to tropical conditions.

Type of installations:

- Fixed platforms
- Jack-up drilling and/or production rigs
- Semi-submersible drilling and/or production rigs
- Accommodation floaters
- Drilling vessels
- Floating Production, Storage and Offloading vessels (FPSO)
- Floating storage and off-loading vessels (FSO)
- Offshore Wind substations

Equipment included in the installation:

- Air Handling Units (AHU)
- Air handling containers
- All types of centrifugal and axial fans
- Refrigeration units
- Sound attenuators
- Duct heating and cooling coils
- Filter - filter systems
- Supply and extract air devices
- Intake systems for HVAC
- HVAC control systems and instrumentation

Services:

- Basic design/FEED
- System design
- Project management & execution
- Equipment deliveries and documentation
- Commissioning
- After Sales
- Trouble shooting



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Name	Contractor/Owner	Scope of work
Orders in 2023		
Jackdaw	Leirvik/Shell	HVAC engineering & equipment delivery
Hugin utility	Aker Solutions/Aker BP	HVAC equipment delivery
Hugin LQ	Leirvik/Aker BP	HVAC equipment delivery
Orders in 2022		
Revolution Wind	Keppel Fels / Ørsted	HVAC engineering & equipment delivery
Johan Castberg, LER	Equinor / Equinor	Delivery of new Air Handling Unit
Heidrun Heli Garage	Aker Solutions / Equinor	Delivery of new Air Handling Unit
Orders in 2021		
Fast4Ward FPSO (TBD)	SWOS / SBM	HVAC engineering & equipment delivery
Fast4Ward FPSO (TBD)	SWS (China) Hull No 1499 / SBM	HVAC engineering & equipment delivery
SBM Top Side LER-FPSO (H225)	Dyna-mac / SBM	HVAC engineering & equipment delivery
Gallaf Phase 2 B-3 (2xWHP)	PTSC / North Oil Company (NOC)	HVAC engineering & equipment delivery
Gallaf Phase 2 B-3 (CPF)	DSME / North Oil Company (NOC)	HVAC engineering & equipment delivery
Orders in 2020		
Fast4Ward FPSO (TBD)	SWOS / SBM	HVAC engineering & equipment delivery
SinoOcean Victory	SWOS	HVAC engineering & equipment delivery
Fast4Ward FPSO (TBD)	CMHI JS / SBM	HVAC engineering & equipment delivery
Fast4Ward FPSO (TBD)	CMHI (China) Hull No 225 / SBM	HVAC engineering & equipment delivery
Gallaf Phase 2 B-2 (2xWHP)	Sembcorp / North Oil Company (NOC)	HVAC equipment delivery
Fast4Ward FPSO (TBD)	SWS (China) Hull-1498 / SBM	HVAC engineering & equipment delivery
Orders in 2019		
MPF-A FPSO (TBD)	CMHI JS	HVAC engineering & equipment delivery
MPF-2 FPSO (TBD)	SWOS	HVAC engineering & equipment delivery
Tortue FPSO Top Side	Technip / BP	HVAC equipment delivery
Chang Hua - 2 Offshore substations	Kfels / Ørsted Taiwan	HVAC engineering & equipment delivery
FPSO Miamte MV34, E-House	ABB Singapore / Modec	Turn key
CarCara FPSO	SBM	Basic design for new FPSO
Tortue FPSO Hull & LQ	Cosco (China) / BP	HVAC engineering & equipment delivery
Gallaf Phase 2 (3xWHP)	PTSC / North Oil Company (NOC)	HVAC engineering & equipment delivery
Basic Design Engineering	Total HQ - France	Review of Total basic design philosophies
Fast4Ward FPSO II	SWS (China) Hull-1493 / SBM	HVAC engineering & equipment delivery
Orders in 2018		

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Fast4Ward MPF No. 1	SBM	HVAC engineering & equipment delivery
Libra MV31 E-house	ABB Singapore / Modec	Turn Key
Nova/Gjøa	WorleyParson / Neptune Energy	Delivery of new Air Handling Unit
Penguin LQ	Fluor / Shell	HVAC engineering & equipment delivery
TYRA TEG & WHP	McDermott / Maersk - Total	HVAC engineering & equipment delivery
Sephia E-house	Schneider / Modec	HVAC engineering & equipment delivery
Sao Vang & Dai Nguyet Development Project	PTSC / Idemitsu	HVAC engineering & equipment delivery
Johan Castberg FPSO - Inline equipment	Sembcorp / Statoil	HVAC equipment
Peregrino II	Leirvik / Statoil	HVAC equipment
Orders in 2017		
Njord A upgrade	Kvaerner / Statoil	HVAC equipment
Fast3Ward FPSO	SWS (China) / SBM	HVAC package
FPSO P-68 TLQ	SembCorp (Jurong) / Petrobras	HVAC package
24 Newbuilds for ammonia production	Velesstroy-Tecnimont / Eurochem	HVAC engineering & equipment delivery
Orders in 2016		
Culzean FSO	Jurong / Maersk Oil & Gas UK	HVAC equipment
Culzean (3 rigs)	SMOP / Maersk Oil & Gas UK	Delivery of Air Handling Units and control systems
Martin Linge FSO	Remontowa / KNOT	HVAC Ducting and In-line Equipment
Culzean (3 rigs)	SMOP / Maersk Oil & Gas UK	HVAC In-line Equipment
Resolve	Chantier Davie / Royal Canadian navy	HVAC system design and equipment deliveries for lower area
Orders in 2015		
Ghana OCTP development exploration & production FPSO	Chalmers Engineering / ENI Italy	HVAC equipment for Accommodation Blocks, TR and Machinery spaces
BT-4000 Light workover unit	DSOC - Etesco	System Engineering and Equipment
Martin Linge FSO	Remontowa / KNOT	HVAC Equipment
Sevan LQ Unit	Cosco Nantong - Teekay Offshore	System Engineering and Equipment
Orders in 2014		
Norshore drillship	CIMC Raffels - Norshore Drilling	System engineering, equipment delivery and installation
Island Navigator drillship	Kawasaki - Island Offshore	System engineering and equipment delivery
Gina Krog	Apply - Statoil	HVAC equipment for living quarters
2 x New rigs JU-2000E jack-up	Waigaoqiao shipyard - CSSC Lease	System engineering and equipment delivery
2 x Ocean 500	Cosco Nantong - Prosafe	990 men living quarters
Ivar Aasen Top Side	SMOE - Det Norske Oljeselskap	HVAC equipment
Orders in 2013		

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Name	Contractor/Owner	Scope of work
P-74, El-module M-17	SeaOil Engineering / EBR - Petrobras	Equipment engineering and delivery
Gina Krog	Daewoo Shipbuilding & Marine Eng. (DSME)	Delivery of HVAC equipment for topside
Ivar Aasen	Apply - Det Norske Oljeselskap	HVAC equipment and engineering support for Ivar Aasen LQ
CJ 70 Jack-up	DSME - Maersk Drilling	System engineering and equipment delivery of HVAC system
DANA FPSO	Cosco - DANA Petroleum	System engineering, equipment delivery and commissioning of HVAC systems
P-69 Electrical & lab module	SeaOil/KFels - Petrobras	Equipment engineering & delivery
P-66 Electrical & lab module	SeaOil/KFels - Petrobras	Equipment engineering & delivery
Ocean 500 II	Cosco/Nantong - Cotemar	AC system engineering and equipment delivery for 990 men living quarters
Two rigs JU-2000E jack-up	Waigaoqiao shipyard - Prospector	AC system engineering and equipment delivery
Orders in 2012		
P-74, P-75, P-76 & P-77	Cosco/Dalian - Petrobras	AC system engineering and equipment for living quarters
Ocean 500	Cosco/Nantong - Cotemar	AC system engineering and equipment delivery for 990 men living quarters
Mariner frame agreement	DSME - Statoil	HVAC blanket order for new production platform
Edvard Grieg	Aker - Lundin	Delivery of HVAC equipment
CJ 70 Jack up	KFELS Shipyard - Maersk Drilling	HVAC system engineering, equipment delivery and installation
FEED study	LMG - SETE/Petrobras	HVAC feed study for new drillships
Two rigs CJ-46 jack-up drilling rigs	China Merchant Heavy Industry - TS Drilling	AC system engineering and equipment delivery
Åsgaard upgrade	Aker - Statoil	Delivery of HVAC equipment
Troll A offshore upgrade	Aker - Statoil	Delivery of HVAC equipment for new modules
Two rigs JU-2000E jack-up drilling rigs	Waigaoqiao shipyard - Prospector Offshr. Drilling	AC system engineering and equipment delivery
Orders in 2011		
P-63-Papa Terra FPSO conversion	BW Offshore - BW Offshore	Equipment delivery for FPSO conversion
Two CJ 70 Jack Up	KFELS Shipyard - Maersk Drilling	System engineering, equipment delivery, installation and commissioning of HVAC
DolWin - Wind mill offshore converter station	Aibel/ABB - Tnet	System engineering and equipment delivery for complete rig
Sevan Driller No 4	Cosco/Nantong - Sevan Drilling	System engineering and equipment delivery for complete rig including commissioning
Sevan Driller No 3	Cosco/Nantong - Sevan Drilling	System engineering and equipment delivery for complete rig including commissioning
Temporary refuge shelter for 50 men - Kazakhstan	Uniteam - Agip Kazakhstan	System engineering and equipment delivery
Orders in 2010		
P-59 Hull	CRP - Petrobras	Equipment delivery for hull
P-60 Hull	CRP - Petrobras	Equipment delivery for hull
Orders in 2009		
Sevan Driller No.2	Cosco Shipyard - Sevan Marine	System design and equipment delivery for complete platform
Oseberg B, Drilling Upgrade	Aker Solution - Statoil	HVAC equipment delivery including air scrubber system for mud extract
LQ to service jack 1, PLQ	Master Marine	System design verification and responsibility. Delivery of all HVAC equipment to LQ + installation in Indonesia

Name	Contractor/Owner	Scope of work
MT6022 XL Multi purpose vessel	OTTO Marine - Norshore Drilling	System design and equipment delivery for machinery rooms and turnkey delivery for LQ area
New LQ to Ekofisk	Flexmodul - MasterMarine	System design and equipment delivery for accommodation module
Halfdan BD	SMOE - Maersk Oil & Gas	System design and equipment delivery for complete platform
Orders in 2008		
FPSO Peregrino	Maersk Contractors	System design and equipment delivery for accommodation
CJ 70	Jurong Shipyard - Petro Prod	System design and equipment delivery for accommodation and utility areas
Offshore windmill park	ABB Power systems	HVAC equipment delivery for transformer platform
Sevan FPSO No 5	Hantong Shipyard, Nantong - Sevan Marine	System design and equipment delivery for accommodation and hull
P-56 Accommodation	FSTP - Petrobras	HVAC equipment delivery
P-56 Deck box	FSTP - Petrobras	HVAC equipment delivery
GM 4000	COSCO Shipyard - Marrac	System design and equipment delivery for complete platform
Orders in 2007		
400 man Floatel B302	Keppel FELS - Floatel International	Turnkey delivery for the complete HVAC system
3 Jack-ups B-300/301/306	Keppel FELS - Skeie Drilling & Production	Turnkey delivery for the complete HVAC system
Ettric FPSO - Aoka Mizu	Aibel AS - Bluewater	HVAC equipment delivery including air handling containers
Kashagan emergency pressure vessels	Aker Kværner - Agip KCO	Bottle bank for emergency air shut down
Sevan FPSO No 4	Hantong shipyard, Nantong - Sevan Marine	System design and equipment delivery for accommodation and hull
Gjøa Semi-submersible	Aker Kværner - Statoil	Frame agreement for HVAC equipment delivery, including AHU's and dampers, topsides
Gjøa Semi-submersible	Aibel - Statoil	Frame agreement for HVAC equipment delivery, including AHU's and dampers for living quarters
Orders in 2006		
Halfdan BC	Rosetti Yard - Mærsk Oil & Gas	Fan package delivery
PRA-1 Modules	Vetco - Petrobras	System design and equipment delivery of all HVAC equipment
Statfjord Late Life	Aker Kværner - Statoil	Delivery of HVAC containers for platform upgrade
P-53 Accommodation, office and hull	Keppel shipyard - Petrobras	System design, equipment delivery and commissioning of all HVAC equipment
OIRFP for Prirazlomnoye oil field	Sevmorneftegas	Delivery of over 100 ventilation fans
Aker H6e Drilling rigs	Aker Kværner - Aker drilling	Frame agreement for HVAC equipment delivery for 2 drilling rigs
Sevan Driller I	Cosco/Nantong - Sevan Marine	System design and equipment delivery
Orders in 2005		
P-51 Accommodation	FSTP - Petrobras	System design and delivery of all HVAC equipment
P-54 Gas compression module	Maua Jurong - Petrobras	System design and delivery of all HVAC equipment