

# REFERENCE LIST

## DYNAMIC POSITIONING PROJECTS (EXTRACT)



With more than 60 years in the market, Novenco Marine & Offshore is among the most experienced suppliers of HVAC systems for ships. We develop and manufacture high-quality heating, ventilation, air-conditioning and refrigeration solutions for marine applications.

Our equipment includes:

- Design & Engineering
- Air handling units
- Cabin units
- Fans
- Duct systems
- Automation
- Chiller units
- Condensing units
- Provision plants

Our goal is to offer environmentally responsible and energy-friendly solutions that meet even the most demanding global comfort and safety requirements.

Please visit [www.novencoevent.com](http://www.novencoevent.com) and read more about our eVent energy calculator which can calculate the energy consumption of HVAC systems, using weather data for the actual operation area of the ship.

The following reference list includes projects where Novenco has delivered functional design, engineering and equipment.

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## DYNAMIC POSITIONING PROJECTS (EXTRACT)

Ship name	NB no.	Vessel type	Client/shipbuilder	Ship owner	DP Class
<b>Delivery 2016</b>					
Edda TBN	373	Offshore Construction Vessel	Kleven Verft AS	Østensjø Rederi AS	AUT-R0
Dr. Fridtjof Nansen	460	Oceanographic Research Vessel	Astilleros Gondán	Norwegian Institute of Marine Research	AUT
Sarnav TBN	388	Multi Purpose Offshore Vessel	Detroit Brasil Ltda.	Sarnav Servicos Maritimos Ltda.	DPS-2
<b>Delivery 2015</b>					
Boa Pelican		Platform Supply Vessel	Mingde Shipyard	BOA Group (Taubatkompaniet AS)	AUT-R
	525+526	Platform Supply Vessel	Estaleiro Illa S.A. (EISA)	Brasil Supply	AUT-R
Seven Kestrel	144	Dive Support Vessel	Hyundai Heavy Industries	Subsea7	AUT-R0
Edda TBN	2652	Flotel Vessel	Hyundai Heavy Industries	Østensjø Rederi AS	AUT-R0
Bravante 3+4	14+15	Platform Supply Vessel	Estaleiro São Miguel	Bravante Group	AUT DPS2
-	91	Offshore Construction Vessel	Bergen Group Fosen	Volstad Maritime AS	AUT-R0
	3062	Heavy Lift Vessel	CSSC Guangzhou Huangpu Shipbuilding	Guangzhou Salvage Bureau	AUT-0 DP-2
Stril TBA	461	Platform Supply Vessel	Astilleros Gondán	Simon Møkster Shipping AS	AUT-R
Sarnav TBN	383+384	Multi Purpose Offshore Vessel	Detroit Brasil Ltda.	Sarnav Servicos Maritimos Ltda.	DPS-2
Esvagt TBN	119	Windfarm Service Vessel	Havyard Ship Technology	Esvagt	AUT-R
<b>Delivery 2014</b>					
Esvagt Froude	118	Windfarm Service Vessel	Havyard Ship Technology	Esvagt	AUT-R
	11+12	Platform Supply Vessel	Estaleiro São Miguel	Bravante Group	AUT DPS2
Siem Maratalces	23	Platform Supply Vessel	ETP Engenharia Ltda.	Siem Consub S.A.	AUT-UMS
Siem Maragogi	22	Platform Supply Vessel	ETP Engenharia Ltda.	Siem Consub S.A.	AUT-UMS
Sarnav Ursu	371	Multi Purpose Offshore Vessel	Detroit Brasil Ltda.	Sarnav Servicos Maritimos Ltda.	DPS-2
Pacific Duchess	632	Anchor Handling Tug Supply	Singapore Technologies Marine Ltd	Swire Pacific Offshore Operations Pte Ltd	DPS2
Sarnav TBN	381+382	Multi Purpose Offshore Vessel	Detroit Brasil Ltda.	Sarnav Servicos Maritimos Ltda.	DPS-2
Mar Limpo VI + VII	20+21	Oil Spill Recovery Vessel	Estaleiro São Miguel	Bravante Group	AUT DP1
Norshore Atlantic	7063	Riserless Drilling Vessel (RDV)	Batamec	Norshore	AUT-R0
-	1152	Anchor Handling Tug Supply	SPP Shipbuilding	Finarge Armamento Genovese Srl	AUT-R
-	90	Offshore Construction Vessel	Bergen Group Fosen	Volstad Maritime AS	AUT-R0
Rem Eir	356	Platform Supply Vessel	Kleven Verft AS	Remøy Shipping	AUT-R
Basic Commander	3032	Platform Supply Vessel	CSSC Guangzhou Huangpu Shipbuilding	Basic Offshore	DP2
Basic Challenger	3031	Platform Supply Vessel	CSSC Guangzhou Huangpu Shipbuilding	Basic Offshore	DP2
Lay Vessel 108	295	Offshore Support Vessel	Metalships & Docks S.A.	McDermott International	AUT-R
North Sea Atlantic	169	Offshore Support Vessel	Bergen Group BMW	North Sea Shipping	AUT-R0
Stril Luna	456	Platform Supply Vessel	Astilleros Gondán S.A.	Simon Møkster Shipping AS	AUT-R
Boa Bison	83	Anchor Handling Tug Supply	Bergen Group Fosen	BOA Group (Taubatkompaniet AS)	AUT-R
Siem Moxie	1697	Wind Turbine Construction Vessel	Fjellstrand AS	Siem Offshore Rederi AS	AUT-R
NS Elida	8101	Platform Supply Vessel	Hyundai Mipo Dockyard Co., Ltd	BP Shipping / Golden Energy Offshore	AUT-R

Ship Name	NB no.	Vessel Type	Client/Shipbuilder	Ship Owner	DP Class
Maersk TBN	172	Anchor Handling Tug Supply	Asenav	Maersk Supply Service	DP(AA)
NS Orla	8103	Platform Supply Vessel	Hyundai Mipo Dockyard Co., Ltd	BP Shipping / Golden Energy Offshore	AUT-R
Maersk Clipper	171	Anchor Handling Tug Supply	Asenav	Maersk Supply Service	DP(AA)
NS Frayja	8102	Platform Supply Vessel	Hyundai Mipo Dockyard Co., Ltd	BP Shipping / Golden Energy Offshore	AUT-R
Edda TBN	373	Offshore Construction Vessel	Kleven Verft AS	Østensjø Rederi AS	AUT-RO
<b>Delivery 2013</b>					
Edda Ferd	444	Platform Supply Vessel	Astilleros Gondán S.A.	Østensjø Rederi AS	AUT-R
Sea Titus	90	Platform Supply Vessel	Cochin Shipyard Ltd	Deep Sea Supply / Seatankers	AUT-R
Sea Tortuga	91	Platform Supply Vessel	Cochin Shipyard Ltd	Deep Sea Supply / Seatankers	AUT-R
Sea Triumph	91	Platform Supply Vessel	Cochin Shipyard Ltd	Deep Sea Supply / Seatankers	AUT-R
Rem Leader	354	Platform Supply Vessel	Kleven Verft AS	Rem Offshore ASA	AUT-R
Seabed Supporter	1688	Multi Purpose Offshore Vessel	Fjellstrand AS	Seabed	AMR
Mar Limpo IV+V	3+4	Oil Spill Recovery Vessel	Estaleiro São Miguel	Bravante Group	AUT DP1
Starnav Regulus	370	Multi Purpose Offshore Vessel	Detroit Brasil Ltda.	Starnav Servicos Maritimos Ltda.	DPS-2
Starnav Centaurus	369	Multi Purpose Offshore Vessel	Detroit Brasil Ltda.	Starnav Servicos Maritimos Ltda.	DPS-2
Pacific Dove	631	Anchor Handling Tug Supply	Singapore Technologies Marine Ltd.	Swire Pacific Offshore Operations Pte Ltd	DPS2
Pacific Dolphin	630	Anchor Handling Tug Supply	Singapore Technologies Marine Ltd.	Swire Pacific Offshore Operations Pte Ltd	DPS2
Pacific Diligence	629	Anchor Handling Tug Supply	Singapore Technologies Marine Ltd.	Swire Pacific Offshore Operations Pte Ltd	DPS2
NS Iona	8100	Platform Supply Vessel	Hyundai Mipo Dockyard Co., Ltd	BP Shipping / Golden Energy Offshore	AUT-R
<b>Delivery 2012</b>					
Esvagt Aurora	703	Standby Safety Vessel	Astilleros Zamakona	Svitzer AS (Esvagt)	AUT-R
-	289	Offshore Support Vessel	Metalships & Docks S.A.	McDermott / Oceanteam	AUT-R
Sea Tantalus	89	Platform Supply Vessel	Cochin Shipyard Ltd	Deep Sea Supply / Seatankers	AUT-R
Grand Canyon	89	Offshore Construction Vessel	Bergen Group Fosen	Volstad Maritime AS	AUT-RO
Mar Limpo III	2	Oil Spill Recovery Vessel	Estaleiro São Miguel	Bravante Group	AUT DP1
Mar Limpo II	1	Oil Spill Recovery Vessel	Estaleiro São Miguel	Bravante Group	AUT DP1
Sea Installer		Wind Turbine Installation Vessel	Cosco Nantong	A2SEA	AUT-R
Viking Princess	347	Multi Purpose Offshore Vessel	Kleven Verft AS	Eidesvik	AUT-R
Starnav Perseus	368	Multi Purpose Offshore Vessel	Detroit Brasil Ltda.	Starnav Servicos Maritimos Ltda	DPS-2
Viking Prince	346	Multi Purpose Offshore Vessel	Kleven Verft AS	Eidesvik	AUT-R
<b>Delivery 2011</b>					
Edda Fides	1664	Flotel Vessel	Astillero Barreras	Østensjø Rederi AS	AUT-RO
Polar King	702	Diving Support Vessel	Construccion Navales S.A.	Rieber Shipping AS	AUT-R
Polar Queen	703	Diving Support Vessel	Construccion Navales S.A.	Rieber Shipping AS	AUT-R
North Sea Giant	293	Multi Purpose Offshore Vessel	Metalships & Docks S.A.	Nprth Sea Shipping	AUT-RO

Ship Name	NB no.	Vessel Type	Client/Shipbuilder	Ship Owner	DP Class
Esvagt Bergen	159	Standby Safety Vessel	Gonsusa (Factoía Naval)	Svitzer AS (Esvagt)	AUT-R
Brage Trader	84	Platform Supply Vessel	Cochin Shipyard Ltd	Sigba Group	AUT-RO
<b>Delivery before 2010</b>					
E.R. Georgina	67		STX Norway Offshore AS Brevik	Nordcapital Holding GmbH & Cie. KG	AUT-R
Bourbon Oceanteam 104	288	Umbilical Laying Vessel	Metalships & Docks, S.A.	North Sea Shipping	AUT-R
Esvagt Stavanger	160	Standby Safety Vessel	Gonsusa (Factoía Naval)	Svitzer AS (Esvagt)	AUT-R
Troms Capella	81	Platform Supply Vessel	Cochin Shipyard Ltd	Clean Design 81 AS (Troms Offshore)	AUT-RO
Skandi Hawk	82	Platform Supply Vessel	Cochin Shipyard Ltd	DOG Management AS	AUT-RO
Brage Supplier	83	Platform Supply Vessel	Cochin Shipyard Ltd	Sigba Group	AUT-RO
North Ocean 102	286	Offshore Support Vessel	Metalships & Docks, S.A.	North Sea Shipping (North Ocean AS)	AUT-R
Seabed Worker	1679	Offshore Support Vessel	Fjellstrand AS	SeaBed AS	AUT-R
BOS Angler (conversion)	153	Research Survey Vessel	Bergen Oilfield Service	Bergen Oilfield Service	AUT-R
Deep Cygnus	81	Offshore Support Vessel	Bergen Group FØsen	Volstad Maritime AS	AUT-R
Edda Frende	443	Platform Supply Vessel	Astilleros Gondán S.A.	Østensjø Rederi AS	AUT-R
Havila Aurora	84	Multi Purpose Field Support Vessel	Havyard Tomrefjord	Havship DAIL (Havila Shipping ASA)	AUT-R
Apache II	287	Offshore Support Vessel	Metalships & Docks, S.A.	Technip	AUT-R
E.R. Athina	66	-	STX Norway Offshore AS Brevik	Nordcapital Holding GmbH & Cie. KG	AUT-R
Havila Fortune	83	Platform Supply Vessel	Havyard Tomrefjord AS	Havship DA (Havila Shipping ASA)	AUT-R
Bourbon Oceanteam 101	283	Offshore Support Vessel	Metalships & Docks, S.A.	North Sea Shipping	AUT-R
Edda Fauna	117	Offshore Support Vessel	STX Norway Offshore AS	Østensjø Rederi AS	AUT-R
Volantis	78	Multi Purpose Offshore Vessel	Bergen Group Fosen	Volstad Maritime	AUT-R
Siem Mollie (living quart.)	125	Platform Supply Vessel	Fjellstrand AS	Siem Offshore	AUT-R
Toisa Paladin	318	Platform Supply Vessel	Kleven Verft AS	Toisa Ltd	AUT-R
Volstad Princess	129	Platform Supply Vessel	STX Norway Offshore AS	Volstad Shipping AS	AUT-R
Edda Flora	29	Platform Supply Vessel	Karmsun Maritime Service AS	Østensjø Rederi AS	AUT-R
Seven Sisters	319	Platform Supply Vessel	Kleven Verft AS	Toisa Ltd	AUT-R
Boa Thalassa	79	Research Survey Vessel	Bergen Group Fosen	Taubatkompaniet AS	AUT-R
Siem Carrier	[612]	Cable Layer	Fjellstrand AS	Siem Offshore	DPS
Skandi Rio	18	Anchor Handling Tug Supply	STX Brazil Offshore SA	Skannor Offshore Ltda	AUT-R
Rem Etive	316	Platform Supply Vessel	Kleven Verft AS	Rem Maritime (Rem Ship AS)	AUT-R
Volstad Viking	116	Platform Supply Vessel	STX Norway Offshore AS	Volstad Shipping AS	AUT-R