

## Azipod® Reference List

Vessels with Azipod®, CRP Azipod® or Compact Azipod® propulsion delivered or on order as of September 10, 2008.



[www.abb.com/marine](http://www.abb.com/marine)

Center of Excellence  
Cruise & Ferries:

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Center of Excellence  
Oil & Gas Related Vessels:

**ABB AS**  
Marine and Turbocharging  
P.O. Box 94  
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Sundheim-Madsen 9-2008



## Azipod® References

Vessel names, yards and owners are shown as at time of delivery from ABB.



Vessel name	Yard	Owner	Ship type	Class	Azipod® size (MW)	No. of pods	Year of delivery
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## Cruise Vessels

Allure of the Seas	Aker Yards	Royal Caribbean International	Cruise Vessel	DNV	20.0	3	2010
Oasis of the Seas	Aker Yards	Royal Caribbean International	Cruise Vessel	DNV	20.0	3	2009
Independence of the Seas	Aker Yards	Royal Caribbean International	Cruise Vessel	DNV	14.0	3	2008
Liberty of the Seas	Aker Yards	Royal Caribbean International	Cruise Vessel	DNV	14.0	3	2007
Freedom of the Seas	Aker Yards	Royal Caribbean International	Cruise Vessel	DNV	14.0	3	2006
Mariner of the Seas	Kvaerner Masa Yards	Royal Caribbean International	Cruise Vessel	DNV	14.0	3	2003
Navigator of the Seas	Kvaerner Masa Yards	Royal Caribbean International	Cruise Vessel	DNV	14.0	3	2002
Adventure of the Seas	Kvaerner Masa Yards	Royal Caribbean International	Cruise Vessel	DNV	14.0	3	2001
Explorer of the Seas	Kvaerner Masa Yards	Royal Caribbean International	Cruise Vessel	DNV	14.0	3	2000
Voyager of the Seas	Kvaerner Masa Yards	Royal Caribbean International	Cruise Vessel	DNV	14.0	3	1999
Carnival Miracle	Kvaerner Masa Yards	Carnival Cruise Lines	Cruise Vessel	RINA	17.6	2	2004
Carnival Legend	Kvaerner Masa Yards	Carnival Cruise Lines	Cruise Vessel	RINA	17.6	2	2002
Carnival Pride	Kvaerner Masa Yards	Carnival Cruise Lines	Cruise Vessel	RINA	17.6	2	2001
Carnival Spirit	Kvaerner Masa Yards	Carnival Cruise Lines	Cruise Vessel	RINA	17.6	2	2001
Costa Meditarrenea	Kvaerner Masa Yards	Costa Cruises	Cruise Vessel	RINA	17.6	2	2003
Costa Atlantica	Kvaerner Masa Yards	Costa Cruises	Cruise Vessel	RINA	17.6	2	2000
Europa	Kvaerner Masa Yards	Hapag-Lloyd	Cruise Vessel	GL	6.7	2	1999
Elation	Kvaerner Masa Yards	Carnival Cruise Lines	Cruise Vessel	LRS	14.0	2	1998
Paradise	Kvaerner Masa Yards	Carnival Cruise Lines	Cruise Vessel	LRS	14.0	2	1998
Queen Elisabeth	Fincantieri	Cunard Line	Cruise Vessel	LRS	17.6	2	2010
New building 6181	Fincantieri	Holland America Line	Cruise Vessel	LRS	17.6	2	2010
New building 6164	Fincantieri	Costa Cruises	Cruise Vessel	LRS	17.6	2	2009

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Vessel name	Yard	Owner	Ship type	Class	Azipod® size (MW)	No. of pods	Year of delivery
Costa Luminosa	Fincantieri	Holland America Line	Cruise Vessel	LRS	17.6	2	2009
Queen Victoria	Fincantieri	Cunard Line	Cruise Vessel	LRS	17.6	2	2007
Arcadia	Fincantieri	P&O Cruises	Cruise Vessel	LRS	17.6	2	2005
Eurodam	Fincantieri	Holland America Line	Cruise Vessel	LRS	17.6	2	2007
Noordam	Fincantieri	Holland America Line	Cruise Vessel	LRS	17.6	2	2006
Westerdam	Fincantieri	Holland America Line	Cruise Vessel	LRS	17.6	2	2004
Oosterdam	Fincantieri	Holland America Line	Cruise Vessel	LRS	17.6	2	2003
Zuiderdam	Fincantieri	Holland America Line	Cruise Vessel	LRS	17.6	2	2002
Amsterdam	Fincantieri	Holland America Line	Cruise Vessel	LRS	15.5	2	2000
New building 691	Meyer Werft	Celebrity Cruises	Cruise Vessel	DNV	20.4	2	2012
New building 679	Meyer Werft	Celebrity Cruises	Cruise Vessel	DNV	20.4	2	2011
Celebrity Eclipse	Meyer Werft	Celebrity Cruises	Cruise Vessel	DNV	20.4	2	2010
Celebrity Equinox	Meyer Werft	Celebrity Cruises	Cruise Vessel	DNV	20.4	2	2009
Celebrity Solstice	Meyer Werft	Celebrity Cruises	Cruise Vessel	DNV	20.4	2	2008
Jewel of the Seas	Meyer Werft	Royal Caribbean International	Cruise Vessel	DNV	20.0	2	2004
Serenade of the Seas	Meyer Werft	Royal Caribbean International	Cruise Vessel	DNV	20.0	2	2003
Brilliance of the Seas	Meyer Werft	Royal Caribbean International	Cruise Vessel	DNV	20.0	2	2002
Radiance of the Seas	Meyer Werft	Royal Caribbean International	Cruise Vessel	DNV	20.0	2	2001
Norwegian Gem	Meyer Werft	Norwegian Cruise Lines	Cruise Vessel	DNV	19.5	2	2007
Norwegian Pearl	Meyer Werft	Norwegian Cruise Lines	Cruise Vessel	DNV	19.5	2	2006
Pride of Hawaii	Meyer Werft	Norwegian Cruise Lines	Cruise Vessel	DNV	19.5	2	2006
Norwegian Jewel	Meyer Werft	Norwegian Cruise Lines	Cruise Vessel	DNV	19.5	2	2005
Norwegian Dawn	Meyer Werft	Norwegian Cruise Lines	Cruise Vessel	DNV	19.5	2	2002
Norwegian Star	Meyer Werft	Norwegian Cruise Lines	Cruise Vessel	DNV	19.5	2	2001

## Azipod® References

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## Azipod® References

### Icebreakers

### Special Vessels

### Tankers



Vessel name	Yard	Owner	Ship type	Class	Azipod® size (MW)	No. of pods	Year of delivery
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## Icebreakers and Special Vessels

New building	STX Heavy Industries	Technip	Pipelay Vessel	DNV	10.0	2	2010
Polar Pevek	Aker Langsten	Rieber Shipping - PRISCO	Icebreaking Tug	DNV	5.0	2	2006
Vladislav Strizhov	Havyard	Sevmorneftegaz	Icebreaker	DNV	7.5	2	2006
Yury Topchev	Havyard	Sevmorneftegaz	Icebreaker	DNV	7.5	2	2006
Mackinaw	Marinette Marine	USCG	Icebreaker	ABS	3.4	2	2005
FESCO Sakhalin	Aker Yards	FESCO	Icebreaker	DNV	6.5	2	2005
Zhong Guo Hai Jian 83	Jiangnan	SOA	Research Vessel	CCS	1.9	2	2005
HMS Enterprise	Appledore	MOD	Research Vessel	LRS	1.7	2	2003
Svalbard	Aker Langsten	Norwegian Cost Guard	Patrol Vessel	DNV	5.0	2	2002
HMS Echo	Appledore	MOD	Research Vessel	LRS	1.7	2	2002
Antarcticaborg	Kvaerner Masa Yards	Wagenborg	Icebreaker	BV	1.6	2	1998
Arcticaborg	Kvaerner Masa Yards	Wagenborg	Icebreaker	BV	1.6	2	1998
Botnica	Kvaerner Masa Yards	Finstaship	Icebreaker	DNV	5.0	2	1998
Röthelstein	Kvaerner Masa Yards	Donaukraft	Icebreaker	GL	0.6	2	1995
Seili	Kvaerner Masa Yards	MKH	Waterway Service Vessel		1.5	1	1990

## Tankers

Kirill Lavrov	Admiralty Shipyard	Sovcomflot	Arctic Tanker	LRS / RMRS	8.5	2	2010
Mikhail Ulyanov	Admiralty Shipyard	Sovcomflot	Arctic Tanker	LRS / RMRS	8.5	2	2009
Excello	Shanghai Edwards	Donsö	Ice Strengthened Tanker	DNV	3.2	2	2008
Shturman Albanov	Samsung Heavy Industries	Sovcomflot	Arctic Tanker	ABS / RMRS	10.0	2	2009
Vasily Dinkov	Samsung Heavy Industries	Sovcomflot	Arctic Tanker	ABS / RMRS	10.0	2	2008

## Azipod® References

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## Azipod® References

### Tankers

### Cargo Vessels

### Ferries



Vessel name	Yard	Owner	Ship type	Class	Azipod® size (MW)	No. of pods	Year of delivery
Kapitan Grotskiy	Samsung Heavy Industries	Sovcomflot	Arctic Tanker	ABS / RMRS	10.0	2	2008
Mastera	Sumitomo Heavy Industries	Fortum	Arctic Tanker	LRS	16.0	1	2003
Tempera	Sumitomo Heavy Industries	Fortum	Arctic Tanker	LRS	16.0	1	2002
Lunni	Kvaerner Masa Yards	Nemarc	Arctic Tanker	DNV	11.4	1	1995
Uikku	Kvaerner Masa Yards	Nemarc	Arctic Tanker	DNV	11.4	1	1994

## Cargo Vessels

Nadezhda	Aker MTW Werft	Norilsk Nickel	Arctic Cargo Vessel	RMRS	13.0	1	2009
Talnahk	Aker MTW Werft	Norilsk Nickel	Arctic Cargo Vessel	RMRS	13.0	1	2008
Zapolyarnyy	Aker MTW Werft	Norilsk Nickel	Arctic Cargo Vessel	RMRS	13.0	1	2008
Monchegorsk	Aker MTW Werft	Norilsk Nickel	Arctic Cargo Vessel	RMRS	13.0	1	2008
Norilskiy Nickel	Aker Yards	Norilsk Nickel	Arctic Cargo Vessel	RMR	13.0	1	2006

## Ferries

Yantai Dalian Train Ferry 3	Xin Gang SY, Tianjin City	Sinorail Bohai Train Ferry	Rail Ferry	CCS	4.1	2	2007
Yantai Dalian Train Ferry 2	Xin Gang SY, Tianjin City	Sinorail Bohai Train Ferry	Rail Ferry	CCS	4.1	2	2006
Zhong Tie Bo Hai 1	Xin Gang SY, Tianjin City	Sinorail Bohai Train Ferry	Rail Ferry	CCS	4.1	2	2006
Akashia	Mitsubishi Heavy Industries	Shin-Nihonkai Ferry	Ro-Pax	JG	17.6	1	2004
Hamanasu	Mitsubishi Heavy Industries	Shin-Nihonkai Ferry	Ro-Pax	JG	17.6	1	2004
Suomenlinna II	Naval Shipyard Gdynia	SLL	Ferry	DNV	0.5	2	2004

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## Azipod® References

### Yachts

### Offshore Vessels

### Floaters



Vessel name	Yard	Owner	Ship type	Class	Azipod® size (MW)	No. of pods	Year of delivery
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### Yachts

Eclipse	Blohm & Voss	Private	Yacht	LRS	3.8	1	2010
Ambrosia III	Benetti	Private	Yacht	LRS	1.1	2	2006
Kogo	Alstom	Private	Yacht	LRS	1.5	2	2006
Ice (ex Air)	Lürssen	Private	Yacht	GL	2.4	2	2005

### Offshore Vessels

Viking Avant	Aker Langsten	Eidesvik	Platform Support Vessel	DNV	3.0	2	2004
Island Frontier	Aker Brattvaag, Søviknes Verft	Island Offshore	Offshore Support Vessel	DNV	2.3	2	2003
Normand Flower	Aker Brattvaag, Søviknes Verft	Solstad / Island Offshore	Offshore Support Vessel	DNV	2.3	2	2002
Normand Rover	Aker Brattvaag, Søviknes Verft	Solstad / Island Offshore	Offshore Support Vessel	DNV	2.3	2	2001

### Floaters

Sevan Driller 2	COSCO Nantong	Sevan Drilling	Offshore Drilling Rig	ABS	3.3	8	2010
Development Driller 2	PPL	GlobalSantaFe	Offshore Drilling Rig	ABS	3.2	8	2005
Development Driller 1	PPL	GlobalSantaFe	Offshore Drilling Rig	ABS	3.2	8	2005