

Tools to manage responsible Arctic cruise tourism

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The Association of Arctic Expedition Cruise Operators (AECO)

AECO.NO

What is AECO?

- AECO is an international association for expedition cruise operators operating in the Arctic and others with interests in this industry.
- AECO has 70+ members and represents most of the industry.
- AECO develops standards and guidelines.
- AECO's members decide which guidelines and standards should be made mandatory during AECO's Annual Meeting



AECO's overall objectives

- **Ensure environmentally friendly, responsible and safe cruise tourism in the Arctic**
- **Advocate for the expedition cruise industry, and AECO's members' interests**



Measures to ensure sustainable tourism development

- Natural **environment** and cultural remains
- **Safety** at sea and on land
- **Communities**, people and cultures



Expedition cruising

- Smaller vessels (13 – 500 pax, typically 150 – 200 pax vessels)
- Less reliant on infrastructure
- Regularly visit remote landing sites and small communities
- Majority are members of AECO
- Larger economic contribution per passenger compared to conventional cruise



Photo: Mads Pihl, Visit Greenland





Tools

Association of
Arctic Expedition Cruise
Operators **AECO!** AECO CRUISE DATABASE

Vessels > List view

Front page [Add new vessel](#)

Contact information

- Sort multiple columns simultaneously by holding down the SHIFT key while clicking column headers.

Account

- Edit profile
- Change password
- Log out

Vessels

- List view
- Add/Edit

Sailing plan

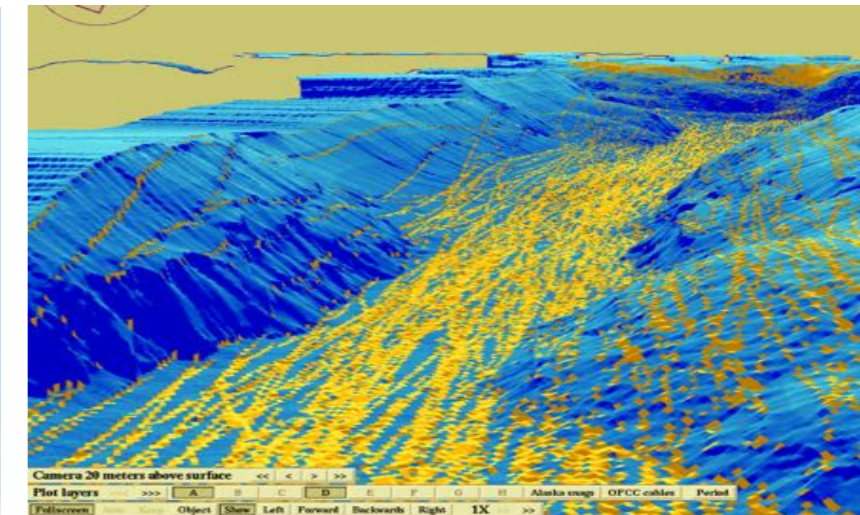
- List view
- Add/Edit
- Collective report
- Operator report

Vessel	Country	IMO	Call Sign	Built	CO	My Vessel	
50 Years of Victory	Russian Federation	9152959	UGYU	2007	1		View details
Akademik Sergey Vavilov	Russian Federation	8507729	UAUO	1988	1		View details
Algot	France		FW7763	1980	1		View details
Harise Explorer	Antigua and Barbuda	9346110	V2E14	2006	1		View details
Kapitan Khlebnikov	Russian Federation	7824417	UGSE	1981	1		View details
M/S Expedition	Liberia	7211074	ABQL4	1972	1		View details
M/S Sea Explorer	Marshall Islands	8802882	V7WD8	1991	2		View details
M/S Stockholm	Sweden	8726612	SMYP	1953	2		View

Cruise
database



Vessel tracking



Crowd sourcing



AECO Cruise Database & Vessel tracker

AECO Cruise database components

- Vessel information
- Sailing Plan
- Post Visit Report

Vessel
information

<div><div>Edit profile</div><div>Change password</div><div>Log out</div><div>Vessels</div><div>List view</div><div>Add/Edit</div><div>Sailing plan</div><div>List view</div><div>Add/Edit</div><div>Collective report</div><div>Operator report</div><div>Post Visit Report (PVR)</div><div>List view</div><div>Add/Edit</div><div>Operator report</div><div>Offline PVR</div><div>Reports</div></div>	<table><tr><th>Vessel</th><th>Country</th><th>IMO</th><th>Call Sign</th><th>Built</th><th>CO</th><th>My Vessel</th><th></th></tr><tr><td>50 Years of Victory</td><td>Russian Federation</td><td>9152959</td><td>UGYU</td><td>2007</td><td>1</td><td></td><td>View details</td></tr><tr><td>A2</td><td>Cayman Islands</td><td></td><td>ZGBH4</td><td>1983</td><td>1</td><td></td><td>View details</td></tr><tr><td>Aleiga</td><td>Svalbard and Jan Mayen</td><td></td><td>LG5827</td><td>2011</td><td>1</td><td></td><td>View details</td></tr><tr><td>Arctic Ice</td><td>Norway</td><td></td><td>LH4463</td><td>2012</td><td>1</td><td></td><td>View details</td></tr><tr><td>AZTEC LADY</td><td>Belgium</td><td></td><td>OP2528</td><td>1977</td><td>1</td><td></td><td>View details</td></tr><tr><td>BALTO</td><td>Cook Islands</td><td>7392854</td><td>E5U3395</td><td>1975</td><td>1</td><td></td><td>View details</td></tr><tr><td>Cape Race</td><td>Cook Islands</td><td>5402198</td><td>E5U3212</td><td>1963</td><td>2</td><td></td><td>View details</td></tr><tr><td>Capella C</td><td>United Kingdom</td><td></td><td>GPVB</td><td>1968</td><td>1</td><td></td><td>View details</td></tr><tr><td>Crystal Endeavor</td><td>Bahamas</td><td>9821873</td><td>C6OK7</td><td>2020</td><td>1</td><td></td><td>View details</td></tr><tr><td>Freyja</td><td>Sweden</td><td>7912020</td><td>SIFD</td><td>1981</td><td>1</td><td></td><td>View details</td></tr><tr><td>Fridtjof Nansen</td><td>Norway</td><td>9813084</td><td>LACN8</td><td>2019</td><td>1</td><td></td><td>View details</td></tr><tr><td>Greg Mortimer</td><td>Bahamas</td><td>9834648</td><td>C6ED7</td><td>2019</td><td>2</td><td></td><td>View details</td></tr></table>	Vessel	Country	IMO	Call Sign	Built	CO	My Vessel		50 Years of Victory	Russian Federation	9152959	UGYU	2007	1		View details	A2	Cayman Islands		ZGBH4	1983	1		View details	Aleiga	Svalbard and Jan Mayen		LG5827	2011	1		View details	Arctic Ice	Norway		LH4463	2012	1		View details	AZTEC LADY	Belgium		OP2528	1977	1		View details	BALTO	Cook Islands	7392854	E5U3395	1975	1		View details	Cape Race	Cook Islands	5402198	E5U3212	1963	2		View details	Capella C	United Kingdom		GPVB	1968	1		View details	Crystal Endeavor	Bahamas	9821873	C6OK7	2020	1		View details	Freyja	Sweden	7912020	SIFD	1981	1		View details	Fridtjof Nansen	Norway	9813084	LACN8	2019	1		View details	Greg Mortimer	Bahamas	9834648	C6ED7	2019	2		View details
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➤ Add/Edit	Country of registry: Bahamas
➤ Collective report	Year built: 2003
➤ Operator report	Year(s) rebuilt:
	Class notation: Expedition Passenger Ship
	Ice class: DNV+1A1, ICE-1A, Passenger Ship
Post Visit Report (PVR)	
➤ List view	Vessel telephone 1: +1-954-499-5166 Ext 500
➤ Add/Edit	Vessel telephone 2: +1-954-499-5166 Ext 434
➤ Operator report	Telefax: +1-954-499-5167
➤ Offline PVR	E-mail: BRIDGE@OR-EXPEDITIONS.COM
Reports	GMDSS Area: A4
➤ Activities by site	AIS: <input checked="" type="checkbox"/>
➤ Nationalities by area	VDR: <input checked="" type="checkbox"/>
➤ Pax	Length overall (meters): 102,70
➤ Vessels	LBP (meters): 92,20
	Draft max (meters): 5,85
Admin reports and statistics	
➤ Cruise operators	Pax capacity: 102
➤ Vessels	Crew capacity: 63
➤ Field days by site	PSSC Total # of persons:
Admin menu	Gross tonnage (GT): 3984,00
➤ Pending operator - workflow	Net tonnage (NT): 1240,00
➤ Edit users	Deadweight tonnage (DWT): 700,00
➤ Edit seasons	
➤ Edit sites - list view	Speed max: 12,00
➤ Edit sites - add/edit	Helicopter deck: <input type="checkbox"/>
➤ Edit site regions	Lifeboats: 2 x Fassmer Tender boat, roofed, 27 2 x Fassmer Lifeboats, roofed, 49
➤ Edit countries	Life rafts: 4 x Viking 250KF+, roofed, 25
➤ Edit activities	Tender boats, number of: 14
➤ Edit cruise operator - list view	Tender boats, type: 13 x HD ZODIAC Mark V, roofed, 15 1 x HD ZODIAC Mark V Glass Bottom Boat (no landings), roofed, 15
➤ Edit cruise operator - add/edit	
➤ View application errors	Engine/Fuel information
➤ View Excel import log	Main engine(s): MAK 8M25 (3264hp)
	Auxiliary engine(s): Cummins KTA-38-D, (2x800kW)
	Boiler: 3 x Diko DSSY-K-1000L
	Marine Gas Oil (MGO) capacity, tons:
	Marine diesel oil (MDO) capacity, tons: 295,30
	Heavy fuel oil (HFO) capacity, tons:

Data sheet includes information on:

- Vessel
- Engine & fuel
- Oily water discharge / Waste oil
- Garbage/Incineration
- Water (fresh/grey/black)
- Ballast

.... and more


The sailing plan

Association of Expedition Cruise Operators

AECO!

AECO CRUISE DATABASE

tr Oslo@aecol.no



Sailing plan > List view

Front page

Contact information

Account

Edit profile

Change password

Log out

Vessels

List view

Add/Edit

Filter

Seasons: All active

Cruise operator: All

Vessel: All

Containing sites with the following parameters:

Area: All

Region: All

Site: All

Arrival: dd-mm-yyyy - dd-mm-yyyy

Reset filters

Add new sailing plan

- Sort multiple columns simultaneously by holding down the SHIFT key while clicking column headers.

Season	Cruise operator	Vessel	Pax	Crew	Voyage No	Sites	PVR	
2020	Hurtigruten AS	Spitsbergen	200	90	1	2		Edit
2020	Quark Expeditions	Ocean Adventurer	160	90	1	11		Edit
2020	Polar Quest AB	M/S Sjøveien	12	10	1	14		Edit
2020	Ponant	M/V L'Austral	264	139	1	3		Edit
2020	Hurtigruten Svalbard	MS Nordstjernen	130	42	1	5		Edit
2020	Aurora Expeditions	Greg Mortimer	160	94	1	10		Edit
2020	Poseidon Expeditions	Sea Spirit	127	110	1	10		Edit
2020	G-Adventures	M/S Expedition	140	70	1	7		Edit
2020	Grand Espaces	Ocean Nova	84	32	1	19		Edit
2020	Quark Expeditions	WORLD EXPLORER	200	111	1	11		Edit
2020	Polaris Expeditions	Polaris I	12	10	1	2		Edit
2020	Quark Expeditions	50 Years of Victory	158	162	1	3		Edit
2020	Hurtigruten AS	MS Fram	318	72	1	7		Edit
2020	Noble Caledonia	Serenissima	114	54	1	13		Edit
2020	Hurtigruten AS	Fridtjof Nansen	530	151	1	8		Edit
2020	Adventure Canada	Ocean Endeavour	300	120	1	8		Edit
2020	Hurtigruten AS	Roald Amundsen	530	151	1	16		Edit
2020	Polar Quest AB	M/S Stockholm	12	13	2	8		Edit
2020	Hurtigruten AS	Spitsbergen	200	90	2	15		Edit
2020	Quark Expeditions	Ocean Adventurer	160	90	2	17		Edit

Sailing plan

List view

Add/Edit

Collective report

Operator report

Post Visit Report (PVR)

List view

Add/Edit

Operator report

Offline PVR

Reports

Activities by site

Nationalities by area

Pax

Vessels

Admin reports and statistics

Cruise operators

Vessels

Field days by site

Account

- › Edit profile
- › Change password
- › Log out

Vessels

- › List view
- › Add/Edit

Sailing plan

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- › Add/Edit
- › Collective report
- › Operator report

Post Visit Report (PVR)

- › List view
- › Add/Edit
- › Operator report
- › Offline PVR

Reports

- › Activities by site
- › Nationalities by area
- › Pax
- › Vessels

Admin reports and statistics

- › Cruise operators
- › Vessels
- › Field days by site

Admin menu

- › Pending operator - workflow
- › Edit users
- › Edit seasons
- › Edit sites - list view
- › Edit sites - add/edit

Season: 2020 ▾

Cruise operator: Adventure Canada ▾

Voyage no: 4

Vessel: Ocean Endeavour ▾

Start date: 22-08-2020

End date: 07-09-2020

Duration: 16

* My Vessels are existing vessels in the database that you earlier have marked as "My Vessel" for easier access to the ships you use.

Itinerary

Note! After adding or deleting sites you have to click the Save-button, or else your changes will be lost.

[Add site](#)

Arrival		Departure		Site		
22-08-2020	12:30 ▾	22-08-2020	18:00 ▾	Kangerlussuaq, Greenland	Select...	Delete
23-08-2020	08:00 ▾	23-08-2020	16:30 ▾	Sisimiut, Greenland	Select...	Delete
24-08-2020	07:30 ▾	24-08-2020	19:00 ▾	Ilulissat, Greenland	Select...	Delete
25-08-2020	06:30 ▾	25-08-2020	18:00 ▾	Eqip Sermia, Greenland	Select...	Delete
26-08-2020	07:00 ▾	26-08-2020	13:30 ▾	Disko Fjord - Qivut, Greenland	Select...	Delete
28-08-2020	11:00 ▾	28-08-2020	19:00 ▾	Pond Inlet/Mittimatalik, Canada	Select...	Delete
29-08-2020	08:00 ▾	29-08-2020	14:00 ▾	Dundas Harbour, Canada	Select...	Delete
29-08-2020	17:00 ▾	29-08-2020	21:00 ▾	Croker Bay, Canada	Select...	Delete
30-08-2020	06:00 ▾	30-08-2020	19:30 ▾	Powell Inlet, Canada	Select...	Delete
31-08-2020	07:00 ▾	31-08-2020	18:30 ▾	Beechey Island, Canada	Select...	Delete
01-09-2020	06:30 ▾	01-09-2020	11:00 ▾	Prince Leopold Island MBS, Canada	Select...	Delete
01-09-2020	11:30 ▾	01-09-2020	19:00 ▾	Port Leopold, Canada	Select...	Delete
02-09-2020	08:30 ▾	02-09-2020	14:00 ▾	Fort Ross, Canada	Select...	Delete
03-09-2020	06:00 ▾	03-09-2020	12:30 ▾	Coringham Bay, Canada	Select...	Delete
04-09-2020	11:00 ▾	04-09-2020	17:00 ▾	Gjoa Haven/Uqsuqtuuq, Canada	Select...	Delete
05-09-2020	07:00 ▾	05-09-2020	19:00 ▾	Erebus site, Canada	Select...	Delete
07-09-2020	06:00 ▾	07-09-2020	12:00 ▾	Kugluktuk, Canada	Select...	Delete

[Return to list view](#)[Delete](#)[Save](#)[Export as report](#)Updated by [Adventure Canada](#) 15-01-2020 18:21Created by [Adventure Canada](#) 15-01-2020 14:04



Sailing plan - Collective report

Parameters

From date: 01-06-2020

Area: All

To date: 30-11-2020

Region: All

Vessel: All

Site: All

Cruise Operator: All

+ some 4500
entries

Site	Arr	Time	Dep	Time	Vessel	Cruise Operator	Voy #
Longyearbyen	01-08-2020	00:00	01-06-2020	18:00	M/S Stockholm	Polar Quest AB	7
Longyearbyen	01-08-2020	00:00	01-06-2020	18:00	Sea Spirit	Poseidon Expeditions	2
Gravnesodden - Magdalenefjorden	01-08-2020	05:00	01-06-2020	12:00	PSV Rembrandt van Rijn	Oceanwide Expeditions	211
Texas Bar	01-08-2020	06:00	01-06-2020	12:00	M/V L'Austral	Ponant	2
Fuglefjorden - cruising only	01-08-2020	07:00	01-06-2020	12:30	SV Noorderlicht	Oceanwide Expeditions	21
Gnålodden	01-08-2020	08:00	01-06-2020	13:00	M/S Quest	Polar Quest AB	7
Lilliehöökbreen - cruising only	01-08-2020	08:00	01-06-2020	12:00	Spitsbergen	Hurtigruten AS	5



Post-visit report ships sailing arctic waters

Sailing information				Total cruise duration		Pax nationalities	
Name of ship	National Geographic Explorer					2 AUS	
Nationality of ship	Bahamas					9 CAN	
Name of ship operator	Lindblad Expeditions					1 CZE	
Total number of persons on board	242	Number of crew	82			1 ESP	
Number of passengers	143	Number of staff	17			2 GBR	
						1 ISL	
Date of arrival in Canada waters						1 ISR	
Date of departure from Canada						126 USA	

Landings and anchorings at Canada						Activities				
Arrival	Departure	Site	Position	Anchoring	Exact number of persons on shore*	Kayaking	Scuba diving	Settlement visit	Zodiac/mot. boat cruising without landing	Zodiac/mot. boat landing
28-08-2019 10:30	28-08-2019 17:00	Pond Inlet/Mitimukalik	72°42.1139 N 77°57.6833 W		154			154		
30-08-2019 14:00	30-08-2019 17:30	Radstock Bay - Cairwell Tower - Devon Island	74°43.7699 N 91°7.2363 W		121		3			121
31-08-2019 07:00	31-08-2019 12:30	Dundas Harbour	74°32.157 N 82°24.8364 W		146					146
02-09-2019 07:30	02-09-2019 17:30	Fraser Ford - Ellsmere Island	76°32.37 N 81°14.28 W		132	46	4			132
03-09-2019 07:00	03-09-2019 12:00	Phelps Island	74°54.3917 N 79°52.2363 W		0				144	







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