

# TRANSITS OF THE NORTHWEST PASSAGE TO END OF THE 2019 NAVIGATION SEASON

## ATLANTIC OCEAN ↔ ARCTIC OCEAN ↔ PACIFIC OCEAN

R. K. Headland and colleagues  
Scott Polar Research Institute, University of Cambridge, Lensfield Road, Cambridge, United Kingdom, CB2 1ER. <rkhl10@cam.ac.uk>

17 March 2020

The earliest traverse of the Northwest Passage was completed in 1853 but used sledges over the sea ice of the central part of Parry Channel. Subsequently the following 313 complete maritime transits of the Northwest Passage have been made to the end of the 2019 navigation season, before winter began and the passage froze. These transits proceed to or from the Atlantic Ocean (Labrador Sea) in or out of the eastern approaches to the Canadian Arctic archipelago (Lancaster Sound or Foxe Basin) then the western approaches (McClure Strait or Amundsen Gulf), across the Beaufort Sea and Chukchi Sea of the Arctic Ocean, through the Bering Strait, from or to the Bering Sea of the Pacific Ocean. The Arctic Circle is crossed near the beginning and the end of all transits except those to or from the central or northern coast of west Greenland. The routes and directions are indicated. Details of submarine transits are not included because only two have been reported (1960 USS *Sea Dragon*, Capt. George Peabody Steele, westbound on route 1 and 1962 USS *Skate*, Capt. Joseph Lawrence Skoog, eastbound on route 1).

Seven routes have been used for transits of the Northwest Passage with some minor variations (for example through Pond Inlet and Navy Board Inlet) and two composite courses in summers when ice was minimal (transits 148 and 166). These are shown on the map following, and proceed as follows:

1: Davis Strait, Lancaster Sound, Barrow Strait, Viscount Melville Sound, McClure Strait, Beaufort Sea, Chukchi Sea, Bering Strait. *The shortest and deepest, but difficult and northernmost, way owing to the severe ice of McClure Strait. The route is preferred by submarines because of its depth.*

2: Davis Strait, Lancaster Sound, Barrow Strait, Viscount Melville Sound, Prince of Wales Strait, Amundsen Gulf, Beaufort Sea, Chukchi Sea, Bering Strait. *An easier variant of route 1 which may avoid severe ice in McClure Strait. It is suitable for deep draft vessels.*

3: Davis Strait, Lancaster Sound, Barrow Strait, Peel Sound, Franklin Strait, Victoria Strait, Coronation Gulf, Amundsen Gulf, Beaufort Sea, Chukchi Sea, Bering Strait. *The principal route; used by most larger vessels of draft less than 14 m.*

4: Davis Strait, Lancaster Sound, Barrow Strait, Peel Sound, Rae Strait, Simpson Strait, Coronation Gulf, Amundsen Gulf, Beaufort Sea, Chukchi Sea, Bering Strait. *A variant of route 3 for smaller vessels if ice from McClintock Channel has blocked Victoria Strait. Simpson Strait is only 6.4 m deep, it has shoals and complex currents.*

5: Davis Strait, Lancaster Sound, Prince Regent Inlet, Bellot Strait, Franklin Strait, Victoria Strait, Coronation Gulf, Amundsen Gulf, Beaufort Sea, Chukchi Sea, Bering Strait. *This route is dependent on ice in Bellot Strait which has complex currents. Mainly used by eastbound vessels.*

6: Davis Strait, Lancaster Sound, Prince Regent Inlet, Bellot Strait, Rae Strait, Simpson Strait, Coronation Gulf, Amundsen Gulf, Beaufort Sea, Chukchi Sea, Bering Strait. *A variant of route 5 for smaller vessels if ice from McClintock Channel has blocked Victoria Strait. Simpson Strait is only 6.4 m deep, complex currents run in it and in Bellot Strait.*

7: Hudson Strait, Foxe Basin, Fury and Hecla Strait, Bellot Strait, Franklin Strait, Victoria Strait, Coronation Gulf, Amundsen Gulf, Beaufort Sea, Chukchi Sea, Bering Strait. *A difficult route owing to severe ice usually at the west of Fury and Hecla Strait and the currents of Bellot Strait. Mainly used by eastbound vessels as an alternative is practicable.*

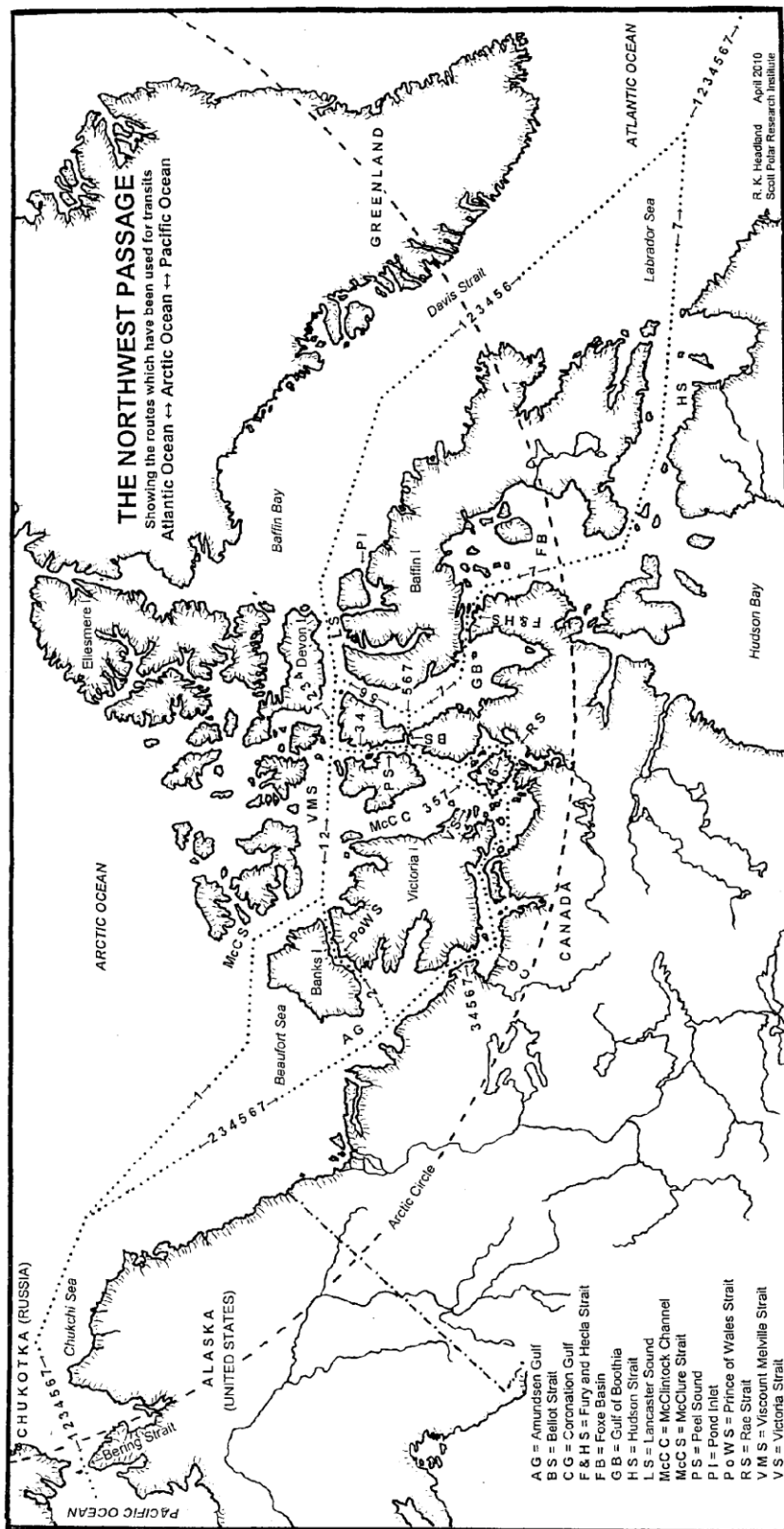
Complete transits have been made by 239 different vessels (several with changed names). The Russian icebreaker *Kapitan Khlebnikov* has made 18 transits, *Hanseatic* 11, *Bremen* 10 (2 with the former name, *Frontier Spirit*), *Polar Bound* 7; 4 vessels have each made 3 transits, and 24 have made 2. More than one year was taken by 33 of these vessels, mainly small craft, to complete a transit wintering at various places along the route (complements of some of these vessels left for winter returning in a later navigation season). Return transits in one summer have been made by 6 vessels. The vessels are from 41 registries: 47 from Canada, 35 France, 34 United States, 29 Bahamas, 26 Russia, 25 Britain, 15 Netherlands, 14 Cayman Islands, 12 Germany, 7 New Zealand, 6 Australia and Sweden, 5 Austria, Belgium, Finland, and Poland, 4 Marshall Islands, Norway, and Switzerland, 2 Antigua and Barbuda, Denmark, and Malta, 1 from Barbados, China (Beijing), Cook Islands, Croatia, Curaçao, Czechia, Greenland, Hong Kong, Hungary, Ireland (Dublin), Israel, Italy, Japan, Nouvelle Calédonie, Panama, Singapore, Slovakia, South Africa, and Spain. Specific passenger vessels have made 62 transits, but only 11 transits carried commercial cargo (numbers 67, 68, 170, 198, 214, 236, 258, 263, 292, 293, 294, and 312). Others were for repositioning and supply, or other work, in the Arctic. Several of the vessels made continuous circumnavigations of the Arctic Ocean transiting the Northern Sea Route (Northeast Passage) and entering the Pacific Ocean. David Scott Cowper and Viktor Vasiliev have commanded 8 transits, Heinz Aye and Piotr Golikov 6, and Thilo Natke 5; 25 others have commanded more than one.

An analysis of the transit routes used through the Northwest Passage to the end of navigation in 2019 shows:

Route 1	west	3	east	0	total	3	Route 2	west	12	east	4	total	16
Route 3	west	56	east	31	total	87	Route 4	west	46	east	11	total	57
Route 5	west	24	east	38	total	62	Route 6	west	35	east	42	total	77
Route 7	west	2	east	7	total	9	Composite	west	1	east	1	total	2 [marked 'cp' in list]
All Routes		west	179	east	134	total	313						

The list is in alphabetical order of vessel names in the years of completion of the voyages (the voyage numbers do not indicate precedence). Superscript numbers in the list are cumulative numbers of voyages, commands, flags, etc.

Sources include a compilation by Thomas Pullen and Charles Swithinbank published in *Polar Record* (1991), with advice from Lawson Brigham (USCG), Peter Capelotti (USCG), David Cowper (Fort Ross visits), David Fletcher, Chris Havern (USCG), Jean-Pierre Lehnert (CCG), Guus van der Linde, Brian McDonald (CCG), John MacFarlane, Peter Semotiuk, Tony Soper, Patrick Toomey (CCG), Victor Wejer, and Christopher Wright, personal observations made during several transits with Quark expeditions, many publications, advice from persons directly involved and several internet sites (with various degrees of reliability). Advice of subsequent voyages, corrections and additions, or similar details is appreciated.



The seven routes which have been used for transits of the Northwest Passage are:

- 1: Davis Strait, Lancaster Sound, Barrow Strait, Viscount Melville Sound, McClure Strait, Beaufort Sea, Chukchi Sea, Bering Strait
- 2: Davis Strait, Lancaster Sound, Barrow Strait, Viscount Melville Sound, Prince of Wales Strait, Amundsen Gulf, Beaufort Sea, Chukchi Sea, Bering Strait
- 3: Davis Strait, Lancaster Sound, Barrow Strait, Peel Sound, Franklin Strait, Victoria Strait, Coronation Gulf, Amundsen Gulf, Beaufort Sea, Chukchi Sea, Bering Strait
- 4: Davis Strait, Lancaster Sound, Barrow Strait, Rae Strait, Simpson Strait, Coronation Gulf, Amundsen Gulf, Beaufort Sea, Chukchi Sea, Bering Strait
- 5: Davis Strait, Lancaster Sound, Prince Regent Inlet, Bellot Strait, Franklin Strait, Victoria Strait, Coronation Gulf, Amundsen Gulf, Beaufort Sea, Chukchi Sea, Bering Strait
- 6: Davis Strait, Lancaster Sound, Prince Regent Inlet, Bellot Strait, Rae Strait, Simpson Strait, Coronation Gulf, Amundsen Gulf, Beaufort Sea, Chukchi Sea, Bering Strait
- 7: Hudson Strait, Foxe Basin, Fury and Hecla Strait, Bellot Strait, Franklin Strait, Victoria Strait, Coronation Gulf, Amundsen Gulf, Beaufort Sea, Chukchi Sea, Bering Strait.

Year	Vessel	Flag	Master	Route
<b>1903-06</b>				
1	<i>Gjøa</i> (21 m auxiliary sloop)	Norway <sup>1</sup>	Roald Engelbregt Gravning Amundsen	West 4 Wintered twice in Gjøa Haven and once off King Point
<b>1940-42</b>				
2	<i>St Roch</i> <sup>1</sup> (29.7 m auxiliary schooner)	Canada <sup>1</sup>	Henry Asbjørn Larsen <sup>1</sup>	East 6 RCMP voyage, wintered at Walker Bay and Pasley Bay, traversed Pond Inlet
<b>1944</b>				
3	<i>St Roch</i> <sup>2</sup> (29.7 m auxiliary schooner)	Canada <sup>2</sup>	Henry Asbjørn Larsen <sup>2</sup>	West 2 RCMP return voyage, earliest transit in one season, traversed Pond Inlet
<b>1954</b>				
4	HMCS <i>Labrador</i> (icebreaker)	Canada <sup>3</sup>	Owen Connor Struan Robertson	West 2 First continuous circumnavigation of North America
<b>1957</b>				
5	USCGC <i>Bramble</i> (buoy tender)	United States <sup>1</sup>	Henry Hart Carter	East 6
6	USCGC <i>Spar</i> (buoy tender)	United States <sup>2</sup>	Charles Vinal Cowing	East 6
7	USCGC <i>Storis</i> (icebreaker)	United States <sup>3</sup>	Harold Lambert Wood	East 6
	Travelled in convoy, <i>Storis</i> escorted <i>Bramble</i> and <i>Spar</i> , accompanied by HMCS <i>Labrador</i> from Bellot Strait			
<b>1967</b>				
8	CCGS <i>John A. McDonald</i> (icebreaker)	Canada <sup>4</sup>	Paul Moise Fournier	West 3 Assisted USCGC <i>Northwind</i> beset 900 km N off Point Barrow with damaged propeller
<b>1969</b>				
9	USCGC <i>Northwind</i> <sup>1</sup> (icebreaker)	United States <sup>4</sup>	Donald J. McCann <sup>1</sup>	East 5
10	USCGC <i>Northwind</i> <sup>2</sup> (icebreaker)	United States <sup>5</sup>	Donald J. McCann <sup>2</sup>	West 3
	Earliest return voyage in one season <sup>1</sup> , to and from Thule in Greenland, escorted <i>Manhattan</i> for part of westbound voyage			
11	USCGC <i>Staten Island</i> (icebreaker)	United States <sup>6</sup>	Eugene F. Walsh	East 2 Escorted oil tanker <i>Manhattan</i> on return voyage from Point Barrow
<b>1970</b>				
12	CSS <i>Baffin</i> (research icebreaker)	Canada <sup>5</sup>	Paul M. Brick	East 2
13	CSS <i>Hudson</i> <sup>1</sup> (research icebreaker)	Canada <sup>6</sup>	David W. Butler	East 2
	<i>Hudson</i> made the first circumnavigation of the Americas; <i>Baffin</i> accompanied <i>Hudson</i> through the Northwest Passage			
<b>1975</b>				
14	<i>Pandora II</i> <sup>1</sup> (hydrographic vessel)	Canada <sup>7</sup>	R. Dickinson	East 7
15	<i>Theta</i> (research vessel)	Canada <sup>8</sup>	K. Maro	East 7
	Travelled in company			
16	CSS <i>Skidgate</i> (buoy tender)	Canada <sup>9</sup>	Peter Kallis	East 6
<b>1976</b>				
17	CCGS <i>J. E. Bernier</i> <sup>1</sup> (icebreaker)	Canada <sup>10</sup>	Paul Pelland	East 3
<b>1977</b>				
18	<i>Williwaw</i> (13 m ketch)	Netherlands <sup>1</sup>	Willy de Roos	West 4 Single-handed after Gjøa Haven
<b>1976-78</b>				
19	<i>J. E. Bernier II</i> (12 m sloop)	Canada <sup>11</sup>	Réal Bouvier	West 4 Wintered in Holsteinsborg/Sisimuit, and Tuktoyaktuk
<b>1978</b>				
20	CCGS <i>Pierre Radisson</i> (icebreaker)	Canada <sup>12</sup>	Patrick Robert Michael Toomey	East 2
<b>1979</b>				
21	CCGS <i>Louis S. St Laurent</i> (icebreaker)	Canada <sup>13</sup>	George Burdock	West 2

<b>1980</b>				
22	CCGS <i>J. E. Bernier</i> <sup>2</sup> (icebreaker)	Canada <sup>14</sup>	E. Chasse	East 4
23	<i>Pandora II</i> <sup>2</sup> (hydrographic vessel)	Canada <sup>15</sup>	Robin A. Jones	East 4
<b>1981</b>				
24	CSS <i>Hudson</i> <sup>2</sup> (research icebreaker)	Canada <sup>16</sup>	Frederick Mauger	East 3
<b>1979-82</b>				
25	<i>Mermaid</i> (15 m sloop)	Japan	Kenichi Horie	West 6
			Single-handed voyage <sup>1</sup> , wintered in Resolute and Tuktoyaktuk	
<b>1983</b>				
26	<i>Arctic Shiko</i> (tug)	Canada <sup>17</sup>	S. Dool	East 3
27	<i>Polar Circle</i> (research vessel)	Canada <sup>18</sup>	J. A. Strand	East 4
<b>1984</b>				
28	<i>Lindblad Explorer</i> <sup>1</sup> (ice strengthened ship)	Sweden <sup>1</sup>	Hasse Nilsson	West 4
				First passenger <sup>1</sup> voyage
<b>1985</b>				
29	USCGC <i>Polar Sea</i> <sup>1</sup> (icebreaker)	United States <sup>7</sup>	John T. Howell	West 2
			Accompanied by CCGS <i>John A. McDonald</i> for part of voyage	
30	<i>World Discoverer</i> <sup>1</sup> (ice strengthened ship)	Singapore <sup>1</sup>	Heinz Aye <sup>1</sup>	East 6
				Carried passengers <sup>2</sup> , traversed Pond Inlet
<b>1976-88</b>				
31	<i>Canmar Explorer II</i> (drilling ship)	Canada <sup>19</sup>	Ronald Colby	West 3
				Reached Beaufort Sea for oil drilling programme from 1976 until completed transit
<b>1983-88</b>				
32	<i>Belvedere</i> (18 m yacht)	United States <sup>8</sup>	Sven Johansson	East 6
				Reached Tuktoyaktuk 1983, conducted whaling research to 1987, traversed Pond Inlet
<b>1985-88</b>				
33	<i>Vagabond'eux</i> <sup>1</sup> (15.3 m yacht)	France <sup>1</sup>	Janusz Kurbiel (1985-87) and Wojciech Jacobson (1988)	East 6
				Wintered in Tuktoyaktuk and twice in Gjoa Haven (where changed skippers)
<b>1988</b>				
34	CCGS <i>Henry A. Larsen</i> (icebreaker)	Canada <sup>20</sup>	Stephen A. Gomes	East 5
35	CCGS <i>Martha L. Black</i> (icebreaker)	Canada <sup>21</sup>	Robert J. Mellis <sup>1</sup>	East 5
36	USCGC <i>Polar Star</i> <sup>1</sup> (icebreaker)	United States <sup>9</sup>	Paul A. Taylor	East 3
			Accompanied by CCGS <i>Sir John Franklin</i> to Demarcation Point	
37	<i>Society Explorer</i> <sup>2</sup> (ice strengthened ship)	Bahamas <sup>1</sup>	Heinz Aye <sup>2</sup>	East 5
				Carried passengers <sup>3</sup> , traversed Pond Inlet [formerly <i>Lindblad Explorer</i> ]
<b>1986-89</b>				
38	<i>Mabel E. Holland</i> (12.8 m lifeboat)	Britain <sup>1</sup>	David Scott Cowper <sup>1</sup>	West 6
				Single-handed voyage <sup>2</sup> , vessel wintered at Fort Ross twice, and at Inuvik
<b>1988-89</b>				
39	<i>Northanger</i> (15 m ketch)	Britain <sup>2</sup>	Richard Thomas <sup>1</sup>	West 4
				Wintered in Inuvik
<b>1989</b>				
40	USCGC <i>Polar Star</i> <sup>2</sup> (icebreaker)	United States <sup>10</sup>	Robert Hammond	West 3
			Accompanied by CCGS <i>Sir John Franklin</i> to Demarcation Point	
<b>1983-90</b>				
41	<i>Ikaluk</i> <sup>1</sup> (icebreaker)	Canada <sup>22</sup>	R. Cormier <sup>1</sup>	East 3
				Reached Beaufort Sea in 1983, where worked to 1990 when completed transit

<b>1990</b>				
42	CCGC <i>Terry Fox</i> (icebreaker)	Canada <sup>23</sup>	Peter Kimmerley	East 3
43	USCGC <i>Polar Sea</i> <sup>2</sup> (icebreaker)	United States <sup>11</sup>	Joseph J. McClelland	West 3
Accompanied by CCGS <i>Pierre Radisson</i> to Demarcation Point				
<b>1992</b>				
44	<i>Frontier Spirit</i> <sup>1</sup> (ice strengthened ship)	Bahamas <sup>2</sup>	Heinz Aye <sup>3</sup>	West 3
Carried passengers <sup>4</sup> , traversed Pond Inlet				
45	<i>Ikaluk</i> <sup>2</sup> (icebreaker)	Canada <sup>24</sup>	R. Cormier <sup>2</sup>	West 3
46	<i>Kapitan Khlebnikov</i> <sup>1</sup> (icebreaker)	Russia <sup>1</sup>	Piotr Golikov <sup>1</sup>	East 3
Carried passengers <sup>5</sup>				
<b>1993</b>				
47	<i>Dagmar Aaen</i> <sup>1</sup> (27 m yacht)	Germany <sup>1</sup>	Arved Fuchs	West 5
48	<i>Frontier Spirit</i> <sup>2</sup> (ice strengthened ship)	Bahamas <sup>3</sup>	Heinz Aye <sup>4</sup>	West 3
Carried passengers <sup>6</sup>				
49	<i>Kapitan Khlebnikov</i> <sup>2</sup> (icebreaker)	Russia <sup>2</sup>	Piotr Golikov <sup>2</sup>	East 3
Carried passengers <sup>7</sup>				
<b>1994</b>				
50	<i>Hanseatic</i> <sup>1</sup> (ice strengthened ship)	Bahamas <sup>4</sup>	Hartwig van Harling <sup>1</sup>	West 3
Carried passengers <sup>8</sup>				
51	<i>Itasca</i> (converted tug)	Britain <sup>3</sup>	Allan Jouning	East 4
52	<i>Kapitan Khlebnikov</i> <sup>3</sup> (icebreaker)	Russia <sup>3</sup>	Piotr Golikov <sup>3</sup>	East 3
53	<i>Kapitan Khlebnikov</i> <sup>4</sup> (icebreaker)	Russia <sup>4</sup>	Piotr Golikov <sup>4</sup>	West 2
Return voyage in one season <sup>2</sup> , carried passengers <sup>9 &amp; 10</sup>				
<b>1995</b>				
54	CCGS <i>Arctic Ivik</i> <sup>1</sup> (icebreaker)	Canada <sup>25</sup>	Norman Thomas <sup>2</sup>	East 5
55	CCGS <i>Arctic Ivik</i> <sup>2</sup> (icebreaker)	Canada <sup>26</sup>	Robert J. Mellis <sup>2</sup>	West 5
Return voyage in one season <sup>3</sup> , to and from Kap York				
56	<i>Dove III</i> (8.5 m yacht)	Canada <sup>27</sup>	Winston Bushnell	East 3
57	<i>Hrvatska Cigra</i> (19.8 m yacht)	Croatia	Mladan Sutej	West 5
58	<i>Kapitan Khlebnikov</i> <sup>5</sup> (icebreaker)	Russia <sup>5</sup>	Viktor Vasiliev <sup>1</sup>	East 5
Carried passengers <sup>11</sup>				
<b>1996</b>				
59	<i>Arctic Circle</i> (tug)	Canada <sup>28</sup>	Jack McCormack	East 3
60	<i>Hanseatic</i> <sup>2</sup> (ice strengthened ship)	Bahamas <sup>5</sup>	Hartwig van Harling <sup>2</sup>	West 3
Carried passengers <sup>12</sup> , grounded in Simpson Strait, escorted by CCGS <i>Henry A. Larsen</i> to Victoria Strait, traversed Pond Inlet				
61	<i>Kapitan Dranitsyn</i> <sup>1</sup> (icebreaker)	Russia <sup>6</sup>	Oleg Agafonov	East 5
Carried passengers <sup>13</sup>				
62	CCGS <i>Sir Wilfrid Laurier</i> (icebreaker)	Canada <sup>29</sup>	Norman Thomas <sup>3</sup>	East 5
Escorted by CCGS <i>Louis S. St Laurent</i> for part of voyage, traversed Pond Inlet				
<b>1997</b>				
63	<i>Hanseatic</i> <sup>3</sup> (ice-strengthened ship)	Bahamas <sup>6</sup>	Heinz Aye <sup>5</sup>	West 3
Carried passengers <sup>14</sup> , escorted to Victoria Strait by CCGS <i>Henry A. Larsen</i> , traversed Pond Inlet				
64	<i>Kapitan Khlebnikov</i> <sup>6</sup> (icebreaker)	Russia <sup>7</sup>	Viktor Vasiliev <sup>2</sup>	East 3
Carried passengers <sup>15</sup>				
<b>1998</b>				
65	<i>Hanseatic</i> <sup>4</sup> (ice-strengthened ship)	Bahamas <sup>7</sup>	Heinz Aye <sup>6</sup>	East 3
Carried passengers <sup>16</sup> , escorted to Victoria Strait by CCGS <i>Sir John Franklin</i> , traversed Pond Inlet				
66	<i>Kapitan Khlebnikov</i> <sup>7</sup> (icebreaker)	Russia <sup>8</sup>	Piotr Golikov <sup>5</sup>	East 3
Carried passengers <sup>17</sup>				
<b>1999</b>				
67	<i>Admiral Makarov</i> (icebreaker)	Russia <sup>9</sup>	Vadim Andreevich Kholodenko	East 3
68	<i>Irbis</i> (tug)	Russia <sup>10</sup>	Aleksandr Aleksenko	East 3
Travelled in convoy each towing a component of a steel floating dock, Korea to Caribbean				
69	<i>Kapitan Dranitsyn</i> <sup>2</sup> (icebreaker)	Russia <sup>11</sup>	Viktor Terekhov <sup>1</sup>	West 3
Carried passengers <sup>18</sup> , made a continuous circumnavigation of the Arctic <sup>1</sup>				

70	<i>Ocean Search</i> (12.5 m yacht)	France <sup>2</sup>	Olivier Pitras <sup>1</sup>	East 6 Traversed Pond Inlet
<b>2000</b>				
71	<i>Evohe</i> (25 m yacht)	New Zealand <sup>1</sup>	Stephen Kafka	East 6
72	<i>Hanseatic</i> <sup>5</sup> (ice-strengthened ship)	Bahamas <sup>8</sup>	Thilo Natke <sup>1</sup>	West 3 Carried passengers <sup>19</sup> , traversed Pond Inlet
73	USCGC <i>Healy</i> <sup>1</sup> (icebreaker)	United States <sup>12</sup>	Jeffrey M. Garrett	West 3
74	<i>Kapitan Dranitsyn</i> <sup>3</sup> (icebreaker)	Russia <sup>12</sup>	Viktor Terekhov <sup>2</sup>	West 3 Carried passengers <sup>20</sup> , made a continuous circumnavigation of the Arctic <sup>2</sup>
75	<i>Nadon</i> (17.7 m RCMP catamaran)	Canada <sup>30</sup>	Kenneth Burton	East 6 Voyage to commemorate <i>St Roch</i> 1940-42 transit
76	<i>Simon Fraser</i> (icebreaker)	Canada <sup>31</sup>	Robert J. Mellis <sup>3</sup>	East 6 Escorted <i>Nadon</i>
<b>2001</b>				
77	<i>Kapitan Khlebnikov</i> <sup>8</sup> (icebreaker)	Russia <sup>13</sup>	Viktor Vasiliev <sup>3</sup>	East 3
78	<i>Kapitan Khlebnikov</i> <sup>9</sup> (icebreaker)	Russia <sup>14</sup>	Viktor Vasiliev <sup>4</sup>	West 1 Return voyage in one season <sup>4</sup> , carried passengers <sup>21</sup> & <sup>22</sup>
79	<i>Northabout</i> (14.9 m yacht)	Ireland (Dublin)	Jarlath Cunnane	West 4 Continuously circumnavigated the Arctic <sup>3</sup>
80	<i>Turmoil</i> <sup>1</sup> (46 m motor yacht)	Cayman Islands <sup>1</sup>	Philip Walsh	West 4 Traversed Pond Inlet
<b>2001-02</b>				
81	<i>Nuage</i> (12.8 m yacht)	France <sup>3</sup>	Michèle Demai	East 5 Wintered in Cambridge Bay
<b>2002</b>				
82	<i>Apostol Andrey</i> (16.2 m yacht)	Russia <sup>15</sup>	Nikolay A. Litau	East 5 Assisted by CCGS <i>Louis S. St Laurent</i> through Prince Regent Inlet, continuously circumnavigated the Arctic <sup>4</sup>
83	<i>Arctic Kalvik</i> (icebreaker tug)	Barbados	Sanjeev Kumar	East 3
84	<i>Hanseatic</i> <sup>6</sup> (ice-strengthened ship)	Bahamas <sup>9</sup>	Thilo Natke <sup>2</sup>	West 3 Carried passengers <sup>23</sup> , traversed Pond Inlet
85	<i>Kapitan Khlebnikov</i> <sup>10</sup> (icebreaker)	Russia <sup>16</sup>	Piotr Golikov <sup>6</sup>	East 3 Carried passengers <sup>24</sup>
86	<i>Sedna IV</i> (51 m yacht)	Canada <sup>32</sup>	Stéphan Guy	West 5
<b>2000-03</b>				
87	<i>Olga</i> (6 m motor boat)	Denmark <sup>1</sup>	Anders Bilgram	West 6 Wintered in Pond Inlet, then twice in Point Hope, continued to circumnavigate the Arctic <sup>5</sup> , smallest vessel to transit
<b>2003</b>				
88	<i>Bremen</i> <sup>3</sup> (ice-strengthened ship)	Bahamas <sup>10</sup>	Daniel Felgner	West 3 Carried passengers <sup>25</sup> , traversed Pond Inlet [formerly <i>Frontier Spirit</i> ]
89	USCGC <i>Healy</i> <sup>2</sup> (icebreaker)	United States <sup>13</sup>	Daniel Oliver	West 3
90	<i>Kapitan Khlebnikov</i> <sup>11</sup> (icebreaker)	Russia <sup>17</sup>	Viktor Vasiliev <sup>5</sup>	East 5 Carried passengers <sup>26</sup>
91	<i>Norwegian Blue</i> (12.9 m yacht)	Britain <sup>4</sup>	Andrew Wood	East 5 Traversed Pond Inlet
92	<i>Vagabond</i> <sup>2</sup> (15.3 m yacht)	France <sup>4</sup>	Eric Brossier	East 5 Traversed Pond Inlet, continuous circumnavigation of the Arctic <sup>5</sup> [formerly <i>Vagabond'eux</i> ]
<b>2003-04</b>				
93	<i>Dagmar Aaen</i> <sup>2</sup> (27 m yacht)	Germany <sup>2</sup>	Arved Fuchs <sup>2</sup>	East 5 Wintered in Cambridge Bay, assisted by CCGS <i>Louis S. St Laurent</i> , traversed Pond Inlet; circumnavigated the Arctic <sup>6</sup>
94	<i>Polar Bound</i> <sup>1</sup> (14.6 m motorboat)	Britain <sup>5</sup>	David Scott Cowper <sup>2</sup>	East 5 Single-handed voyage <sup>3</sup> , wintered in Cambridge Bay, assisted by CCGS <i>Louis S. St Laurent</i> in Prince Regent Inlet
<b>2004</b>				
95	<i>Kapitan Khlebnikov</i> <sup>12</sup> (icebreaker)	Russia <sup>18</sup>	Pavel Ankudinov <sup>1</sup>	East 5 Carried passengers <sup>27</sup>

**2004-05**

96 *Fine Tolerance* (13.7 m yacht) Australia<sup>1</sup> Philip Hogg East 6  
 Wintered in Cambridge Bay, assisted by CCGS *Sir Wilfrid Laurier* and CCGS *Louis S. St Laurent* through Bellot Strait

**2005**

97 *Idlewild* (17.3 m motorboat) Canada<sup>33</sup> Benjamin Grey East 6  
 Assisted by CCGS *Sir Wilfrid Laurier* and CCGS *Louis S. St Laurent* through Bellot Strait

98 *Kapitan Khlebnikov*<sup>13</sup> (icebreaker) Russia<sup>19</sup> Viktor Vasiliev<sup>6</sup> East 3

99 *Kapitan Khlebnikov*<sup>14</sup> (icebreaker) Russia<sup>20</sup> Viktor Vasiliev<sup>7</sup> West 3

100 *Oden* (icebreaker) Sweden<sup>2</sup> Anders Wikström West 3  
 Return voyage in one season<sup>5</sup>, carried passengers<sup>28</sup> eastbound

**2003-06**

101 *Minke I* (12.8 m yacht) Canada<sup>34</sup> Peter Brock East 6  
 Wintered in Tuktoyaktuk and in Cambridge Bay twice

**2006**

102 *Bremen*<sup>4</sup> (ice-strengthened ship) Bahamas<sup>11</sup> Marc Behrend<sup>1</sup> West 4  
 Carried passengers<sup>29</sup>, traversed Pond Inlet

103 *Kapitan Khlebnikov*<sup>15</sup> (icebreaker) Russia<sup>21</sup> Pavel Ankudinov<sup>2</sup> East 7  
 Carried passengers<sup>30</sup>

104 *Nekton* (13.6 m yacht) Poland<sup>1</sup> Tadeusz Natanek West 6

105 *Stary* (13.5 m yacht) Poland<sup>2</sup> Dominik Bac, Jacek Waclawski, and West 6  
 Slawek Skalmierski

Travelled in company, traversed Pond Inlet (*Stary* changed skippers at Cambridge Bay and Tuktoyaktuk)

**2007**

106 *Babouche* (7.5 m catamaran) France<sup>5</sup> Sébastien Roubinet East 5

107 *Cloud Nine* (17.3 m ketch) United States<sup>14</sup> Roger Swanson West 4

108 *Hanseatic*<sup>7</sup> (ice strengthened ship) Bahamas<sup>12</sup> Ulf Wolter<sup>1</sup> West 5  
 Carried passengers<sup>31</sup>

109 *Kapitan Khlebnikov*<sup>16</sup> (icebreaker) Russia<sup>22</sup> Viktor Vasiliev<sup>8</sup> East 5  
 Carried passengers<sup>32</sup>

110 *Luck Dragon* (12.1 m yacht) Britain<sup>6</sup> Jeffrey Allison West 3  
 Vessel abandoned and lost during a storm in Bering Sea

**2005-08**

111 *Arctic Wanderer* (11.9 m yacht) United States<sup>15</sup> Gary E. Ramos East 6  
 Single-handed voyage<sup>4</sup>, wintered in Cambridge Bay thrice

**2008**

112 *Amodino* (23 m yacht) Spain Juan Ribos East 4

113 *Baloum Gwen*<sup>1</sup> (14.9 m yacht) Belgium<sup>1</sup> Thierry Fabing<sup>1</sup> West 4

114 *Berrimilla* (10 m yacht) Australia<sup>2</sup> Alexander Whitworth East 4

115 *Bremen*<sup>5</sup> (ice-strengthened ship) Bahamas<sup>13</sup> Ulf Wolter<sup>2</sup> West 5  
 Carried passengers<sup>33</sup>

116 *Peter Faber* (cable layer) France<sup>6</sup> Robert Hansen East 3  
 Repositioning voyage

117 *Geraldine* (14 m yacht) United States<sup>16</sup> Walter Jones West 3

118 *Southern Star* (23.7 m yacht) France<sup>7</sup> Olivier Pitras<sup>2</sup> West 4

119 *Tyhina* (10.4 m yacht) New Zealand<sup>2</sup> Peter Elliott West 4

**2009**

120 *Apoise* (67 m motor vessel) Canada<sup>35</sup> David Ritchie West 4

121 *Bagan* (17.4 m motorboat) United States<sup>17</sup> Clinton Bolton West 4

122 *Bremen*<sup>6</sup> (ice-strengthened ship) Bahamas<sup>14</sup> Marc Behrend<sup>2</sup> West 4  
 Carried passengers<sup>34</sup>, traversed Pond Inlet

123 *Baloum Gwen*<sup>2</sup> (14.9 m yacht) Belgium<sup>2</sup> Thierry Fabing<sup>2</sup> East 6  
 Return voyage

124 *Fleur Australe* (20 m yacht) France<sup>8</sup> Philippe Poupon West 4

125 *Fiona* (12.8 m yacht) United States<sup>18</sup> Eric Forsyth West 4

126 *Glory of the Sea* (15.3 m yacht) France<sup>9</sup> Charles Hedrich West 4

127 *Hanseatic*<sup>8</sup> (ice-strengthened ship) Bahamas<sup>15</sup> Thilo Natke<sup>3</sup> East 4  
 Carried passengers<sup>35</sup>, voyage included a return transit of Bellot Strait from Peel Sound

128	<i>Ocean Watch</i> (19.2 m yacht)	United States <sup>19</sup>	Mark Schrader	East 6
129	<i>Perithia</i> (14.6 m yacht)	Germany <sup>3</sup>	Uwe Petraschek	West 4
130	<i>Polar Bound</i> <sup>2</sup> (14.6 m motorboat)	Britain <sup>7</sup>	David Scott Cowper <sup>3</sup>	West 5
				Single-handed voyage <sup>5</sup>
131	<i>Precipice</i> (9.1 m yacht)	United States <sup>20</sup>	Rolland Trowbridge	West 6
132	<i>Silent Sound</i> (12.2 m yacht)	Canada <sup>36</sup>	Cameron Dueck	East 6
				Traversed Pond Inlet
<b>2010</b>				
133	<i>Ariel IV</i> (15.2 m sloop)	Sweden <sup>3</sup>	Eric Boye	West 4
134	<i>Astral Express</i> (12.5 m yacht)	New Zealand <sup>3</sup>	Graeme Kendall	West 3
				Single-handed voyage <sup>6</sup>
135	<i>Dione Sky</i> <sup>2</sup> (46 m motor yacht)	Cayman Islands <sup>2</sup>	Brian Harrison	West 2
				[formerly <i>Turmoil</i> ]
136	<i>Hanse Explorer</i> <sup>1</sup> (ice-strengthened ship)	Antigua and Barbuda <sup>1</sup>	Bernd Buchner	West 3
				Carried passengers <sup>36</sup> , traversed Pond Inlet
137	<i>Hanseatic</i> <sup>9</sup> (ice-strengthened ship)	Bahamas <sup>16</sup>	Thilo Natke <sup>4</sup>	West 4
				Carried passengers <sup>37</sup> , traversed Pond Inlet
138	<i>Kapitan Khlebnikov</i> <sup>17</sup> (icebreaker)	Russia <sup>23</sup>	Anatoliy Kovalenko	East 5
				Carried passengers <sup>38</sup>
139	<i>Octopus</i> <sup>1</sup> (128 m motor yacht)	Cayman Islands <sup>3</sup>	Glenn Dalby <sup>1</sup>	West 2
				Traversed Pond Inlet
140	<i>Rx II</i> (11 m yacht)	Norway <sup>2</sup>	Trond Aasvoll	East 4
				Continued to circumnavigate the Arctic <sup>7</sup>
141	<i>Sarema</i> (15.2 m yacht)	Finland <sup>1</sup>	Pekka Kauppila	East 4
				Traversed Pond Inlet
142	<i>Solanus</i> (14.5 m yacht)	Poland <sup>3</sup>	Bronisław Radliński	West 4
143	<i>T6</i> (48.5 m motor yacht)	Cayman Islands <sup>4</sup>	John Spencer	West 3
				Traversed Pond Inlet
144	<i>Young Larry</i> (13.4 m yawl)	Britain <sup>8</sup>	Andrew Wilkes	West 4
<b>2010-11</b>				
145	<i>Anna</i> <sup>1</sup> (10.5 m yawl)	Sweden <sup>4</sup>	Börje Ivarsson <sup>1</sup>	West 4
				Wintered in Inuvik
146	<i>Primula</i> (tanker)	Norway <sup>3</sup>	Bo R. Arenberg and Lars Jansson	East 3
				Wintered in Roberts Bay as a fuel storage for Hope Bay gold mine; Arenberg commanded in 2010, Jansson in 2011
<b>2011</b>				
147	<i>Arcadia</i> (35.8 m motor yacht)	Cayman Islands <sup>5</sup>	James Pizzarusso	West 5
				Traversed Pond Inlet
148	<i>Asteria</i> (converted tug)	Marshall Islands <sup>1</sup>	Donald Feil	West 3
149	<i>Bremen</i> <sup>7</sup> (ice-strengthened ship)	Bahamas <sup>17</sup>	Marc Behrend <sup>3</sup>	East cp
				Composite course: McClure Strait, Prince of Wales Strait, and then route 4; carried passengers <sup>39</sup>
150	<i>Chamade</i> (13.3 m yacht)	Switzerland <sup>1</sup>	Marc Decrey	West 4
151	<i>Imyubu</i> (15.9 m ketch)	South Africa	Ralf Dominick,	West 3
152	<i>Issuma</i> (15 m schooner)	Canada <sup>37</sup>	Richard Hudson	West 5
153	<i>Kotuku</i> (12.2 m yacht)	New Zealand <sup>4</sup>	Ian Douglass	East 6
154	<i>Leava</i> (12.5 m sloop)	France <sup>10</sup>	Alain Bataedat	East 6
155	<i>Muktuk</i> <sup>1</sup> (14.3 m sloop)	Austria <sup>1</sup>	Karl Mayer <sup>1</sup>	West 4
156	<i>Pangaeas</i> (35 m yacht)	United States <sup>21</sup>	Michael Horn	East 4
157	<i>Polar Bound</i> <sup>3</sup> (14.6 m motorboat)	Britain <sup>9</sup>	David Scott Cowper <sup>4</sup>	East 3
158	<i>Rus</i> (7.6 m trimaran)	Russia <sup>24</sup>	Oleg Volynkin	West 5
159	<i>St Brendan</i> (8.2 m yacht)	United States <sup>22</sup>	Matthew Rutherford	West 4
				Single-handed voyage <sup>7</sup>
160	<i>Santa Maria Australis</i> (20.1 m ketch)	Germany <sup>4</sup>	Wolf Kloss	West 4
<b>2011-12</b>				
161	<i>Roxane</i> (10.7 m sloop)	France <sup>11</sup>	Luc Dupont	West 4
162	<i>Teleport</i> (8.9 m junk rigged yacht)	Australia <sup>3</sup>	Christopher Bray	West 5
				Both wintered in Cambridge Bay
<b>2012</b>				
163	<i>Belzebub II</i> (9.4 m yacht)	Sweden <sup>5</sup>	Edvin Buregren	West 1
				Also visited Grise Fiord
164	<i>Beothuk</i> (31.1 m motor vessel)	Cayman Islands <sup>6</sup>	Liam Devlin	West 6



165	<i>Best Explorer</i> (15.6 m cutter)	Italy <sup>1</sup>	Giovanni Acquarone	West 4
166	<i>Billy Budd</i> (34.3 m yacht)	Britain <sup>10</sup>	Clive Shute	West cp
Composite course: Bellot Strait, Winter Harbour, Prince of Wales Strait				
167	<i>Coriolis 14</i> (25 m yacht)	France <sup>12</sup>	Richard Mergeaux	West 2
168	<i>Dodo's Delight<sup>1</sup></i> (10.1 m yacht)	Britain <sup>11</sup>	Robert Shepton	West 3
Made a return transit of Bellot Strait				
169	<i>Fortrus</i> (50 m motor yacht)	Britain <sup>12</sup>	Scott Newson	West 6
170	<i>Gotland Carolina</i> (tanker)	Bahamas <sup>18</sup>	J. Justin	West 2
Carried 50 400 m <sup>3</sup> hydrocarbon cargo; partly discharged at ports during the transit				
171	<i>Hanseatic<sup>10</sup></i> (ice-strengthened ship)	Bahamas <sup>19</sup>	Thilo Natke <sup>5</sup>	East 5
Carried passengers <sup>40</sup> , circumnavigated Cornwallis Island				
172	<i>Jonathan III</i> (14.9 m yacht)	Netherlands <sup>2</sup>	Mark van de Weg	West 4
Made a return transit of Bellot Strait, traversed Pond Inlet				
173	<i>Katharsis II</i> (21.9 m yacht)	Britain <sup>13</sup>	Mariusz Koper	West 3
Made a return transit of Bellot Strait				
174	<i>Marguerite</i> (15.8 m sloop)	France <sup>13</sup>	Janusz Kurbiel	West 4
175	<i>Nordwind</i> (26.8 m yacht)	Britain <sup>14</sup>	Hans Albrecht	West 3
Made a return transit of Bellot Strait				
176	<i>Octopus<sup>2</sup></i> (128 m motor yacht)	Cayman Islands <sup>7</sup>	Glenn Dalby <sup>2</sup>	West 2
177	<i>Philos<sup>1</sup></i> (15.2 m schooner)	Australia <sup>4</sup>	Roger Wallis <sup>1</sup>	West 4
178	<i>Polar Bound<sup>4</sup></i> (14.6 m motorboat)	Britain <sup>15</sup>	David Scott Cowper <sup>5</sup>	West 1
179	<i>Sol</i> (12.8 m yacht)	Denmark <sup>2</sup>	Kim Bork Mathiesen	East 5
180	<i>The World<sup>1</sup></i> (condominium vessel)	Bahamas <sup>20</sup>	Dag Harald Sævik	East 5
Carried resident passengers <sup>41</sup> ; traversed Pond Inlet				
181	<i>Tokimata</i> (13.1 m yacht)	New Zealand <sup>5</sup>	Peter Garden	East 5
Traversed Pond Inlet				
182	<i>Upchuk</i> (15.8 m sloop)	Britain <sup>16</sup>	Frank Rothwell	East 4
<b>2012-13</b>				
183	<i>Balthazar</i> (10.5 m yacht)	Canada <sup>38</sup>	Guy Lavoie	West 6
Wintered at Inuvik				
184	<i>Tranquilo<sup>1</sup></i> (17.6 m cutter)	Netherlands <sup>3</sup>	Bart Veldink	East 5
Wintered off Pim Island				
<b>2013</b>				
185	<i>Anna<sup>2</sup></i> (10.5 m yawl)	Sweden <sup>6</sup>	Pelle Ivarsson	East 6
186	<i>Arktika</i> (15 m sloop)	Finland <sup>2</sup>	Gilles Elkaim	West 5
187	<i>Bremen<sup>8</sup></i> (ice-strengthened ship)	Bahamas <sup>21</sup>	Roman Obrist <sup>1</sup>	East 3
Carried passengers <sup>42</sup> ; assisted by CGCS <i>Henry Larsen</i>				
188	<i>d'Acalèphe</i> (13.9 m yacht)	Canada <sup>39</sup>	Jean-Gilles Lemieux	West 5
189	<i>Dodo's Delight<sup>2</sup></i> (10.1 m yacht)	Britain <sup>17</sup>	Robert Shepton <sup>2</sup>	East 5
190	<i>Hanse Explorer<sup>2</sup></i> (ice-strengthened ship)	Antigua and Barbuda <sup>2</sup>	Jens Köthen	West 5
Carried passengers <sup>43</sup>				
191	<i>Hanseatic<sup>11</sup></i> (ice-strengthened ship)	Bahamas <sup>22</sup>	Mark Behrend <sup>4</sup>	West 5
Carried passengers <sup>44</sup> , traversed Pond Inlet				
192	<i>Isatis</i> (14.2 m yacht)	Nouvelle Calédonie	Jean-Pierre Levie	West 5
193	<i>La Belle Epoque</i> (12.8 m yacht)	Austria <sup>2</sup>	Jürgen Kirchberger	West 5
194	<i>Lady M II</i> (50 m motor yacht)	Marshall Islands <sup>2</sup>	Jim Bulman	West 5
Carried passengers <sup>45</sup> ; assisted by CGCS <i>Henry Larsen</i> , traversed Pond Inlet				
195	<i>Le Soléal<sup>1</sup></i> (cruise vessel)	France <sup>14</sup>	Etienne Garcia <sup>1</sup>	West 6
Carried passengers <sup>46</sup>				
196	<i>Libellule</i> (14.3 m catamaran)	Switzerland <sup>2</sup>	Philip Cottier	West 5
Traversed Pond Inlet, assisted by CGCS <i>Henry Larsen</i>				
197	<i>Michaela Rose</i> (49.4 m motor yacht)	Britain <sup>18</sup>	Tom Noorman	East 5
Assisted by CGCS <i>Henry Larsen</i>				
198	<i>Nordic Orion</i> (ice-strengthened bulk cargo vessel)	Panama	Sergey Danilov	East 3
Conveyed 73 000 tonne of coal Vancouver to Finland; circumnavigated the Arctic <sup>8</sup> ; largest ship to transit; escorted by CCGS <i>Louis S. St Laurent</i> in Peel Sound				
199	<i>Octopus<sup>3</sup></i> (128 m motor yacht)	Cayman Islands <sup>8</sup>	Jannek Olsson	East 5
200	<i>Perd pas le Nord</i> (15.2 m yacht)	Belgium <sup>3</sup>	Nicolas Mouchart	West 6
Traversed Pond Inlet				
201	<i>Polar Bound<sup>5</sup></i> (14.6 m motorboat)	Britain <sup>19</sup>	David Scott Cowper <sup>6</sup>	East 5
Traversed Pond Inlet				
202	<i>Polar Prince<sup>1</sup></i> (icebreaker)	Canada <sup>40</sup>	Paul Beesley	East 5
Traversed Pond Inlet, escorted by CCGS <i>Henry Larsen</i> through Bellot Strait				

203	<i>Traversay III</i> (13·7 m yacht)	Canada <sup>41</sup>	Laurence Roberts Assisted by CGCS <i>Henry Larsen</i>	West 5
<b>2013-14</b>				
204	<i>Gitana</i> (13·4 m schooner)	United States <sup>23</sup>	Michael Johnson	West 6 Wintered in Cambridge Bay
<b>2014</b>				
205	<i>Altan Girl</i> (13·4 m motor vessel) Single handed voyage <sup>8</sup> , rescued by USCG <i>Healy</i> off Point Barrow, assisted by tug <i>Tandberg Polar</i> through Bellot Strait	Canada <sup>42</sup>	Erkan Gursoy	East 6
206	<i>Arctic Tern UK</i> (13·1 m sloop)	Britain <sup>20</sup>	Alison Parsons	West 6
207	<i>Drina</i> (15·2 m yacht)	Australia <sup>5</sup>	Michael Thurston	West 6
208	<i>Lady Dana 44</i> (14·3·m sloop)	Poland <sup>4</sup>	Ryszard Wojnowski	East 6 Continuous ircumnavigaion of the Arctic <sup>9</sup>
209	<i>Latitude<sup>1</sup></i> (44·5 m motor yacht)	Cayman Islands <sup>9</sup>	Sean Meagher <sup>1</sup>	West 6
210	<i>L'Austral<sup>1</sup></i> (cruise vessel) Carried passengers <sup>47</sup> , assisted by CCGC <i>Pierre Radisson</i> in Bellot Strait	France <sup>16</sup>	Patrick Marchesseau <sup>1</sup>	West 4
211	<i>Novara</i> (18·3 m schooner)	Britain <sup>21</sup>	Stephen Brown	West 6
212	<i>Nunavik</i> (ice-strengthened bulk cargo vessel)	Marshall Islands <sup>3</sup>	Randy Rose	West 2 Conveyed 23 000 tonnes of nickel concentrate to China
213	<i>Silver Explorer</i> (cruise vessel) Carried passengers <sup>48</sup> , assisted by CCGC <i>Pierre Radisson</i> in Victoria Strait	Bahamas <sup>23</sup>	Alexander Golubev	West 5
214	<i>Triton</i> (50 m motor vessel)	Marshall Islands <sup>4</sup>	Paul Jones	East 6
<b>2013-15</b>				
215	<i>Empiricus</i> (15·2 m yawl) Wintered in Cambridge Bay, traversed Pond Inlet, 2 <sup>nd</sup> winter in Aasiaat/Egedesminde	United States <sup>24</sup>	Jesse Osborn	East 6
216	<i>Le Manguier</i> (21·1 m motor vessel) Wintered in Paulatuk and Aasiaat/Egedesminde	France <sup>15</sup>	Philippe Hercher	East 6
<b>2014-15</b>				
217	<i>Gjoa<sup>1</sup></i> (13·1 m sloop)	Canada <sup>43</sup>	Glenn Bainbridge	West 6
218	<i>Philos<sup>2</sup></i> (15·2 m schooner)	Australia <sup>6</sup>	Roger Wallis <sup>2</sup>	East 6 Wintered Cambridge Bay
<b>2015</b>				
219	<i>Aventura</i> (14 m sloop)	Britain <sup>22</sup>	James (Jimmy) Cornell,	East 6
220	<i>Bagheera</i> (16 m cutter)	Netherlands <sup>4</sup>	Erik de Jong	West 3
221	<i>Drifter Way</i> (14·9 m ketch)	Canada <sup>44</sup>	Robert Graf	West 3 Single-handed voyage <sup>9</sup>
222	<i>Equanimity</i> (92 m yacht)	Cayman Islands <sup>10</sup>	Glenn Dalby <sup>3</sup> and Simon Jones	West 3 Captains changed at Cambridge Bay
223	<i>Fennica</i> (multipurpose icebreaker)	Finland <sup>3</sup>	Tommy Berg	East 3 Repositioning voyage; travelled in company with <i>Nordica</i>
224	<i>Hawk</i> (12·8 m sloop)	United States <sup>25</sup>	Joe Wolff	West 4 Made a return transit of Bellot Strait
225	<i>La Chimère</i> (10 m sloop) Single-handed voyage <sup>10</sup> , vessel abandoned during a storm in Gulf of Alaska, skipper rescued by <i>Tor Viking II</i>	France <sup>17</sup>	Emanuel Wattecamps-Etienne	West 4
226	<i>Latitude<sup>2</sup></i> (44·5 m motor yacht)	Cayman Islands <sup>11</sup>	Sean Meagher <sup>2</sup>	East 5
227	<i>Le Boreal<sup>1</sup></i> (cruise vessel)	France <sup>18</sup>	Etienne Garcia <sup>2</sup>	West 6 Carried passengers <sup>49</sup>
228	<i>Le Soléal<sup>2</sup></i> (cruise vessel)	France <sup>19</sup>	Patrick Marchesseau <sup>2</sup>	West 6 Carried passengers <sup>50</sup>
229	<i>Necton</i> (14 m ketch)	Netherlands <sup>5</sup>	Aldert Hesseling	East 6
230	<i>Nordica<sup>1</sup></i> (multipurpose icebreaker)	Finland <sup>4</sup>	Matti Westerlund	East 3 Repositioning voyage; travelled in company with <i>Fennica</i>
231	<i>Salty</i> (19·8 m cutter)	United States <sup>26</sup>	Carl Zaniboni	West 3
232	<i>Selma</i> (20·4 m ketch)	Poland <sup>5</sup>	Piotr Kuźniar	West 6
233	<i>Snow Dragon II</i> (14·9 m yacht)	United States <sup>27</sup>	Frances Brann	West 3
234	<i>Tiama</i> (12 m yacht)	France <sup>20</sup>	Jean Michel	West 4
<b>2015-16</b>				
235	<i>Maia</i> (11 m yacht)	Hungary	Zoltán Balaton	West 4 Wintered in Tuktoyaktuk

## 2016

236	<i>Africaborg</i> (ice-strengthened cargo ship)	Netherlands <sup>6</sup>	Eric Rosner	East 5
			Carried a cargo of carbon anodes, China to Quebec	
237	<i>Agar II</i> (15.2 m sloop)	Israel	Motti Baer	East 6
238	<i>Bonavalette</i> (10.7 m sloop)	Switzerland <sup>3</sup>	David Giovannini	West 4
239	<i>Breakpoint</i> (14 m sloop)	Germany <sup>5</sup>	Thomas Witt	West 6
				Traversed Pond Inlet
240	<i>Caledonia</i> (20.1 m sloop)	Germany <sup>6</sup>	Claudia Rehklaue	East 5
241	<i>Crystal Serenity</i> <sup>1</sup> (cruise vessel)	Bahamas <sup>24</sup>	Birger J. Vorland	East 5
	Carried approximately 1750 passengers <sup>51</sup> and crew, traversed Pond Inlet, escorted by RRS <i>Sir Ernest Shackleton</i> from Holman			
242	<i>Eagles Quest II</i> (17.7 m sloop)	Hong Kong	Chu Kee Duen	East 6
			Assisted by CCGS <i>Sir Wilfred Laurier</i>	
243	<i>Galileo G</i> (55.2 m motor yacht)	Britain <sup>23</sup>	Tom Buddle	West 4
244	<i>Happy Rover</i> (cargo ship)	Netherlands <sup>7</sup>	Frank Versteegh	East 7
245	<i>Hetairos</i> (67 m ketch)	Cayman Islands <sup>12</sup>	Graham Newton	West 6
				Traversed Pond Inlet
246	<i>Kapitan Khlebnikov</i> <sup>18</sup> (icebreaker)	Russia <sup>25</sup>	Vladimir Boldakov	West 2
			Carried passengers <sup>52</sup> , continued to circumnavigate the Arctic <sup>10</sup>	
247	<i>L'Austral</i> <sup>2</sup> (cruise vessel)	France <sup>21</sup>	Patrick Marchesseau <sup>3</sup>	West 4
				Carried passengers <sup>53</sup>
248	<i>Maewan IV</i> (11.3 m sloop)	France <sup>22</sup>	Erwan Le Lann	West 6
249	<i>Manevai</i> (14.3 m sloop)	France <sup>23</sup>	Eric Abadie	West 4
250	<i>Pachamama</i> (15.2 m sloop)	Switzerland <sup>4</sup>	Dario Schwörer	East 7
251	<i>Polar Bound</i> <sup>6</sup> (14.6 m motor boat)	Britain <sup>24</sup>	David Scott Cowper <sup>7</sup>	West 7
252	<i>Ratafia</i> (10.2 m yacht)	France <sup>24</sup>	Jean-Baptiste Cornet	West 4
253	<i>Yvinec</i> (11.8 m yacht)	France <sup>25</sup>	Guirec Soudee	West 6
			Single-handed voyage <sup>11</sup> , traversed Pond Inlet	

## 2016-17

254	<i>Nomad</i> (12.8 m sloop)	Austria <sup>3</sup>	Wolfgang Slanec	West 6
				Wintered in Inuvik

## 2017

255	<i>Abel Tasman</i> (22.9 m yacht)	Cook Islands	Roger Wallis <sup>3</sup>	East 6
256	<i>Alkahest</i> (12.8 m cutter)	United States <sup>28</sup>	Jay Tremblay	West 6
257	<i>Arcticaborg</i> (icebreaking tug)	Curaçao	Igor Umerenko	West 3
258	<i>Atlanticborg</i> (ice-strengthened cargo ship)	Netherlands <sup>8</sup>	Vladimir Manaev	East 7
			Carried a cargo of carbon anodes, China to Quebec	
259	<i>Bremen</i> <sup>9</sup> (ice-strengthened ship)	Bahamas <sup>25</sup>	Roman Obrist <sup>2</sup>	East 7
				Carried passengers <sup>54</sup>
260	<i>Celebrate</i> (17.7 m yacht)	United States <sup>29</sup>	Charles Simon	West 6
261	<i>Crystal Serenity</i> <sup>2</sup> (cruise vessel)	Bahamas <sup>26</sup>	Birger J. Vorland <sup>2</sup>	East 5
	Carried approximately 1400 passengers <sup>54</sup> and crew, traversed Pond Inlet, escorted by RRS <i>Sir Ernest Shackleton</i> from Holman			
262	<i>Freydis</i> (16.9 m cutter)	Germany <sup>7</sup>	Erich Wilts	East 6
263	<i>Havelstern</i> (tanker)	Canada <sup>45</sup>	Daniel Roberts	West 3
	Fuelled several settlements during transit, assisted by CCGS <i>Pierre Radisson</i>			
264	<i>Irene</i> (15.2 m ketch)	United States <sup>30</sup>	Peter Niemann	East 6
265	<i>Kerguelen</i> (11.3 m ketch)	France <sup>26</sup>	Erwan Dupeis	West 3
266	<i>Kigdlua</i> (12.8 m sloop)	Greenland	Jens Erik Kjeldsen	West 4
267	<i>Lady Free</i> (12.4 m gaff cutter)	Norway <sup>4</sup>	Jan Martin Nordbotten	East 6
268	<i>Larissa</i> (13.7 m cutter)	New Zealand <sup>6</sup>	Mark Domney	East 6
269	<i>Le Boreal</i> <sup>2</sup> (cruise vessel)	France <sup>27</sup>	Erwin Le Rouzik	West 6
				Carried passengers <sup>55</sup>
270	<i>Le Why</i> (20 m schooner)	France <sup>28</sup>	Ghislain Bardout	West 4
271	<i>Makoré 2</i> (13.6 m yacht)	France <sup>29</sup>	Paul Bucaille	West 6
272	USCGC <i>Maple</i> (buoy tender)	United States <sup>31</sup>	Patrick Armstrong	East 3
	Escorted by CCGC <i>Sir Wilfred Laurier</i> and CCGS <i>Terry Fox</i>			
273	<i>Morning Haze</i> (16.9 m sloop)	Germany <sup>8</sup>	Jochen Winter	West 6
274	<i>Muktuk</i> <sup>2</sup> (14.3 sloop)	Austria <sup>4</sup>	Karl Mayer <sup>2</sup>	East 6
275	<i>Nauta D</i> (16.5 m yacht)	Germany <sup>9</sup>	Manfred Heinrichs	West 6
276	<i>Nehaj</i> (11.9 m cutter)	Germany <sup>10</sup>	Susanne Huber-Curphey	East 6
				Single-handed voyage <sup>12</sup>

277	<i>Nordica</i> <sup>2</sup> (multipurpose icebreaker)	Finland <sup>5</sup>	Jyri Vilanen	East 3 Repositioning voyage
278	<i>Plum</i> (21.9 m cutter)	Malta <sup>1</sup>	Enrico Tettamanti	East 6
279	<i>Polar Bound</i> <sup>7</sup> (14.6 m motor boat)	Britain <sup>25</sup>	David Scott Cowper <sup>8</sup>	East 5
280	<i>Polar Prince</i> <sup>2</sup> (icebreaker)	Canada <sup>46</sup>	Stephan Guy	West 3 Carried passengers <sup>56</sup>
281	<i>Tiama</i> (15.2 m sloop)	New Zealand <sup>7</sup>	Hank Haazen	East 6
282	<i>Tonga</i> (13.8 m yacht)	France <sup>30</sup>	Franck Delahaie	West 6
283	<i>Tranquilo</i> <sup>2</sup> (17.6 m cutter)	Netherlands <sup>9</sup>	Bart Veldink <sup>2</sup>	East 5
284	<i>Valentina</i> (15.2 m sloop)	Russia <sup>26</sup>	Sergey Shchekoldin	West 6
285	<i>Xue Long</i> (icebreaker)	China (Beijing)	Shen Quan	West 3
286	<i>Zulumbus</i> (11.7 m yacht)	Austria <sup>5</sup>	Bernhard Moser	West 6
<b>2015-18</b>				
287	<i>Jim Kilabuk</i> (cargo tug)	Canada <sup>47</sup>	Bruce Davis (from Tuktoyaktuk)	East 3 Laid up for three winters in Tuktoyaktuk
<b>2018</b>				
288	<i>Infinity</i> (36.6 m ketch)	Germany <sup>11</sup>	Clemens Gabriel Östreich	East 6
289	<i>Thor</i> (16.6 m cutter)	Germany <sup>12</sup>	Thomas Grothe	West 5
<b>2019</b>				
290	<i>Alioth</i> (16.8 m cutter)	Belgium <sup>4</sup>	Vincent Moeyersoms	West 3 Traversed Pond Inlet
291	<i>Altego II</i> (16 m cutter)	Slovakia	Jiri Denk	West 3
292	<i>Amazonborg</i> <sup>1</sup> (ice-strengthened cargo ship)	Netherlands <sup>10</sup>	Richard de Rijk <sup>1</sup>	East 5 Carried a cargo of carbon anodes, China to Quebec
293	<i>Amazonborg</i> <sup>2</sup> (ice-strengthened cargo ship)	Netherlands <sup>11</sup>	Richard de Rijk <sup>2</sup>	West 7 Backloaded wood pulp to China, escorted by CCGC <i>Terry Fox</i> in Queen Maud Gulf, return voyage in one season <sup>6</sup>
294	<i>Americaborg</i> (ice-strengthened cargo ship)	Netherlands <sup>12</sup>	Sergey Slyva	East 5 Carried a cargo of carbon anodes, China to Quebec
295	<i>Biglift Barentsz</i> <sup>1</sup> (heavy transport vessel)	Netherlands <sup>13</sup>	Remmert-Jan Koster	West 3 Repositioning voyage after Milne Inlet, traversed Pond Inlet; circumnavigated the Arctic <sup>11</sup>
296	<i>Bremen</i> <sup>10</sup> (ice-strengthened ship)	Bahamas <sup>27</sup>	Jörn Gottschalk	West 3 Escorted by CCGC <i>Terry Fox</i> in Queen Maud Gulf; continuous circumnavigation of the Arctic <sup>12</sup> , carried passengers <sup>57</sup>
297	<i>Breskell</i> (15.6 m yacht)	United States <sup>32</sup>	Olivier Dupond-Huin	West 3 Traversed Pond Inlet
298	<i>Fredoya</i> (17.4 m cutter)	Malta <sup>2</sup>	Frederik Jougla	West 3 Also called at Gjoa Haven
299	<i>Inook</i> (14.3 m cutter)	France <sup>31</sup>	Laurent Gouy	West 3
300	<i>Kamaxitha</i> (55 m ketch)	Cayman Islands <sup>13</sup>	Tim Urwin	West 3
301	<i>L'Austral</i> <sup>3</sup> (cruise vessel)	France <sup>32</sup>	Patrick Marchesseau <sup>4</sup>	West 5
302	<i>Le Boreal</i> <sup>3</sup> (cruise vessel)	France <sup>33</sup>	Étienne Garcia <sup>3</sup>	West 5 Both Carried passengers <sup>58 &amp; 59</sup>
303	<i>Mandragore</i> (11.4 m cutter)	United States <sup>33</sup>	Pablo David Saad	West 3
304	<i>Mirabelle</i> (12.8 m sloop)	France <sup>34</sup>	Antonin Barrier-Moulis	West 3
305	<i>Moli</i> <sup>2</sup> (13.1 m sloop)	United States <sup>34</sup>	Randall Reeves	West 3 Single-handed voyage <sup>13</sup> [formerly <i>Gjoa</i> ]
306	<i>Morgane</i> (10.3 m sloop)	Belgium <sup>5</sup>	Robin Kislig	West 3
307	<i>Opale</i> (13.4 m sloop)	France <sup>35</sup>	Marc Pedeau	West 3 Traversed Pond Inlet
308	<i>Roald Amundsen</i> (cruise vessel)	Norway <sup>5</sup>	Kai Albrigtsen	West 6 Carried passengers <sup>60</sup>
309	<i>Sherpa</i> (74 m motor yacht)	Cayman Islands <sup>14</sup>	Jako Hall	East 3 Traversed Pond Inlet
310	<i>Snow White</i> (14.4 m cutter)	Czechia	Miroslav Račan	West 3
311	<i>Tecla</i> (28.1 m gaff ketch)	Netherlands <sup>14</sup>	Gijs Sluik	West 4 Carried passengers <sup>61</sup>
312	<i>Thamesborg</i> (ice-strengthened cargo ship)	Netherlands <sup>15</sup>	Sergey Inzhevatov	West 3 Conveyed wood pulp to China
313	<i>The World</i> <sup>2</sup> (condominium vessel)	Bahamas <sup>28</sup>	Dag Harald Sævik <sup>2</sup>	West 3 Traversed Pond Inlet, carried resident passengers <sup>62</sup>

**Notes:** Several vessels, including recent small craft, have traversed the Canadian Arctic archipelago, Beaufort Sea and Chukchi Sea to or from Russian waters. Those which neither transited Bering Strait nor entered the Pacific Ocean are not included in this list, although several navigated the Arctic Ocean. Many other voyages have been made through the archipelago of the Canadian Arctic, notably the return voyage of the experimental oil tanker *Manhattan* with escort vessels which reached Barrow, on the Arctic coast of Alaska, in 1969 from the Atlantic Ocean, but did not continue to the Pacific Ocean. Similarly constraints are applied to voyages terminating in Pond Inlet, the region of the Mackenzie Delta, or comparable locations, and where a vessel was towed while unoccupied, or carried partly as deck cargo (including *Baymaud*, 1926-2017). These can not be regarded as complete transits of the Northwest Passage; incomplete transits have become too numerous to record. Nationalities: principles adopted for these are the approved English short forms applied by several international organizations and published by *The Times Atlas*.

**Data:** the list is subject to annual revision with **review and confirmation as additional information and improved details are received**. Occasionally, and unfortunately, falsified data have been submitted; when detected these are expunged and the record revised. Advice of corrections and additions is appreciated; <rk10@cam.ac.uk>. A copy of the latest iteration is available from the same source and may be found on <https://www.spri.cam.ac.uk/resources/infosheets/>.