

# TRANSITS OF THE NORTHWEST PASSAGE TO END OF THE 2017 NAVIGATION SEASON

## ATLANTIC OCEAN ↔ ARCTIC OCEAN ↔ PACIFIC OCEAN

R. K. Headland and colleagues

revised 16 April 2018

Scott Polar Research Institute, University of Cambridge, Lensfield Road, Cambridge, United Kingdom, CB2 1ER.

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 287 complete maritime transits of the Northwest Passage have been made to the end of the 2017 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 149 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, 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 219 different vessels. The Russian icebreaker *Kapitan Khlebnikov* has made 18 transits, the largest number of any vessel. *Hanseatic* has made 11, *Bremen* 9 (2 with the former name, *Frontier Spirit*), *Polar Bound* 7; 3 vessels have each made 3 transits, and 21 have made 2. More than one year was taken by 29 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 5 vessels. The vessels are from 40 registries: 47 from Canada, 31 France and United States, 26 Bahamas and Russia, 25 Britain, 12 Cayman Islands, 10 Germany, 9 Netherlands, 7 New Zealand, 6 Australia and Sweden, 5 Austria, Finland, and Poland, 4 Marshall Islands, Norway, and Switzerland, 3 Belgium, 2 Austria, and Antigua and Barbuda, 1 from Barbados, China (Beijing), Cook Islands, Croatia, Curaçao, Denmark, Greenland, Hong Kong, Hungary, Ireland (Dublin), Israel, Italy, Japan, Malta, Nouvelle Calédonie, Panama, Singapore, South Africa, and Spain. Specific passenger vessels have made 56 transits, but only 8 transits were transporting commercial cargo (numbers 68, 69, 170, 198, 214, 236, 258, and 263). Others were for repositioning (4 transits) and supply, or other work, in the Arctic. Several of the vessels have travelled through the Panama Canal and circumnavigated North America, a few have circumnavigated all America, and others have circumnavigated the Arctic Ocean by also using the Northeast Passage from or to the Pacific Ocean. David Scott Cowper and Viktor Vasiliev have commanded 8 transits, Heinz Aye and Piotr Golikov 6, and Thilo Natke 5; several others have commanded more than one.

An analysis of the transit routes used through the Northwest Passage to the end of navigation in 2017 shows:

Route 1	west 3	east 0	total 3	Route 2	west 13	east 4	total 17
Route 3	west 40	east 29	total 69	Route 4	west 45	east 11	total 56
Route 5	west 21	east 36	total 57	Route 6	west 33	east 42	total 75
Route 7	west 1	east 7	total 8	Composite	west 1	east 1	total 2 [marked 'cp' in list]
All Routes	west 157	east 130	total 287				



<i>Year</i>	<i>Vessel</i>	<i>Flag</i>	<i>Master</i>	<i>Route</i>
<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, first 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, circumnavigated North America
<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 sloop)	Netherlands <sup>1</sup>	Willy de Roos	West 4 Single-handed after Gjøa Haven, continued to circumnavigate the Americas
<b>1978</b>				
19	CCGS <i>Pierre Radisson</i> (icebreaker)	Canada <sup>11</sup>	Patrick Robert Michael Toomey	East 2
<b>1976-79</b>				
20	<i>J. E. Bernier II</i> (10 m ketch)	Canada <sup>12</sup>	Réal Bouvier	West 4 Wintered in Holsteinsborg/Sisimuit, Resolute, and Tuktoyaktuk
<b>1979</b>				
21	<i>Canmar Kigoriak</i> (icebreaker)	Canada <sup>13</sup>	C. Cunningham	West 2
22	CCGS <i>Louis S. St Laurent</i> (icebreaker)	Canada <sup>14</sup>	George Burdock	West 2 Circumnavigated North America

<b>1980</b>				
23	CCGS <i>J. E. Bernier</i> <sup>2</sup> (icebreaker)	Canada <sup>15</sup>	E. Chasse	East 4
24	<i>Pandora II</i> <sup>2</sup> (hydrographic vessel)	Canada <sup>16</sup>	Robin A. Jones	East 4
Both vessels circumnavigated North America				
<b>1981</b>				
25	CSS <i>Hudson</i> <sup>2</sup> (research icebreaker)	Canada <sup>17</sup>	Frederick Mauger	East 3
Circumnavigated North America				
<b>1979-82</b>				
26	<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>				
27	<i>Arctic Shiko</i> (tug)	Canada <sup>18</sup>	S. Dool	East 3
28	<i>Polar Circle</i> (research vessel)	Canada <sup>19</sup>	J. A. Strand	East 4
<b>1984</b>				
29	<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>				
30	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				
31	<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>				
32	<i>Canmar Explorer II</i> (drilling ship)	Canada <sup>20</sup>	Ronald Colby	West 3
Reached Beaufort Sea for oil drilling programme from 1976 until completed transit				
<b>1983-88</b>				
33	<i>Belvedere</i> (18 m yacht)	United States <sup>8</sup>	Sven Johansson	East 6
Reached Tuktoyaktuk 1983, conducted whaling research to 1987, completed transit in 1988, traversed Pond Inlet				
<b>1985-88</b>				
34	<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), circumnavigated North America				
<b>1988</b>				
35	CCGS <i>Henry A. Larsen</i> (icebreaker)	Canada <sup>21</sup>	Stephen A. Gomes	East 5
36	CCGS <i>Martha L. Black</i> (icebreaker)	Canada <sup>22</sup>	Robert J. Mellis <sup>1</sup>	East 5
Circumnavigated North America				
37	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				
38	<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>				
39	<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>				
40	<i>Northanger</i> (15 m ketch)	Britain <sup>2</sup>	Richard Thomas <sup>1</sup>	West 4
Wintered in Inuvik				
<b>1989</b>				
41	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>				
42	<i>Ikaluk</i> <sup>1</sup> (icebreaker)	Canada <sup>23</sup>	R. Cormier <sup>1</sup>	East 3
Reached Beaufort Sea in 1983, where worked to 1990 when completed transit				

<b>1990</b>				
43	CCGC <i>Terry Fox</i> (icebreaker)	Canada <sup>24</sup>	Peter Kimmerley	East 3
44	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>				
45	<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				
46	<i>Ikaluk</i> <sup>2</sup> (icebreaker)	Canada <sup>25</sup>	R. Cormier <sup>2</sup>	West 3
47	<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>				
48	<i>Dagmar Aaen</i> <sup>1</sup> (27 m yacht)	Germany <sup>1</sup>	Arved Fuchs	West 5
49	<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>				
50	<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>				
51	<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>				
52	<i>Itasca</i> (converted tug)	Britain <sup>3</sup>	Allan Jouning	East 4
53	<i>Kapitan Khlebnikov</i> <sup>3</sup> (icebreaker)	Russia <sup>3</sup>	Piotr Golikov <sup>3</sup>	East 3
54	<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>				
55	CCGS <i>Arctic Ivik</i> <sup>1</sup> (icebreaker)	Canada <sup>26</sup>	Norman Thomas <sup>2</sup>	East 5
56	CCGS <i>Arctic Ivik</i> <sup>2</sup> (icebreaker)	Canada <sup>27</sup>	Robert J. Mellis <sup>2</sup>	West 5
Return voyage in one season <sup>3</sup> , to and from Kap York				
57	<i>Dove III</i> (8.5 m yacht)	Canada <sup>28</sup>	Winston Bushnell	East 3
58	<i>Hrvatska Cigra</i> (19.8 m yacht)	Croatia	Mladan Sutej	West 5
59	<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>				
60	<i>Arctic Circle</i> (tug)	Canada <sup>29</sup>	Jack McCormack	East 3
61	<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				
62	<i>Kapitan Dranitsyn</i> <sup>1</sup> (icebreaker)	Russia <sup>6</sup>	Oleg Agafonov	East 5
Carried passengers <sup>13</sup>				
63	CCGS <i>Sir Wilfrid Laurier</i> (icebreaker)	Canada <sup>30</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>				
64	<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				
65	<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>				
66	<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				
67	<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>				
68	<i>Admiral Makarov</i> (icebreaker)	Russia <sup>9</sup>	Vadim Kholodenko	East 3
69	<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				
70	<i>Kapitan Dranitsyn</i> <sup>2</sup> (icebreaker)	Russia <sup>11</sup>	Viktor Terekhov <sup>1</sup>	West 3
Carried passengers <sup>18</sup> , circumnavigated the Arctic <sup>1</sup>				

71	<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>				
72	<i>Evohe</i> (25 m yacht)	New Zealand <sup>1</sup>	Stephen Kafka	East 6
73	<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
74	USCGC <i>Healy</i> <sup>1</sup> (icebreaker)	United States <sup>12</sup>	Jeffrey M. Garrett	West 3
75	<i>Kapitan Dranitsyn</i> <sup>3</sup> (icebreaker)	Russia <sup>12</sup>	Viktor Terekhov <sup>2</sup>	West 3 Carried passengers <sup>20</sup> , circumnavigated the Arctic <sup>2</sup>
76	<i>Nadon</i> (17.7 m RCMP catamaran)	Canada <sup>31</sup>	Kenneth Burton	East 6 Voyage to commemorate <i>St Roch</i> 1940-42 transit; circumnavigated North America
77	<i>Simon Fraser</i> (icebreaker)	Canada <sup>32</sup>	Robert J. Mellis <sup>3</sup>	East 6 Escorted <i>Nadon</i>
<b>2001</b>				
78	<i>Kapitan Khlebnikov</i> <sup>8</sup> (icebreaker)	Russia <sup>13</sup>	Viktor Vasiliev <sup>3</sup>	East 3
79	<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 &amp; 22</sup>
80	<i>Northabout</i> (14.9 m yacht)	Ireland (Dublin)	Jarlath Cunnane	West 4 Circumnavigated the Arctic <sup>3</sup>
81	<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>				
82	<i>Nuage</i> (12.8 m yacht)	France <sup>3</sup>	Michèle Demai	East 5 Wintered in Cambridge Bay
<b>2002</b>				
83	<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, circumnavigated the Arctic <sup>4</sup>
84	<i>Arctic Kalvik</i> (icebreaker tug)	Barbados	Sanjeev Kumar	East 3
85	<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
86	<i>Kapitan Khlebnikov</i> <sup>10</sup> (icebreaker)	Russia <sup>16</sup>	Piotr Golikov <sup>6</sup>	East 3 Carried passengers <sup>24</sup>
87	<i>Sedna IV</i> (51 m yacht)	Canada <sup>33</sup>	Stéphan Guy	West 5
<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, circumnavigated 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>
<b>2004-05</b>				
96	<i>Fine Tolerance</i> (13.7 m yacht)	Australia <sup>1</sup>	Philip Hogg	East 6 Wintered in Cambridge Bay, assisted by CCGS <i>Sir Wilfrid Laurier</i> and CCGS <i>Louis S. St Laurent</i> through Bellot Strait

**2005**

97	<i>Idlewild</i> (17.3 m motorboat)	Canada <sup>34</sup>	Benjamin Grey	East 6
Assisted by CCGS <i>Sir Wilfrid Laurier</i> and CCGS <i>Louis S. St Laurent</i> through Bellot Strait				
98	<i>Kapitan Khlebnikov</i> <sup>13</sup> (icebreaker)	Russia <sup>19</sup>	Viktor Vasiliev <sup>6</sup>	East 3
99	<i>Kapitan Khlebnikov</i> <sup>14</sup> (icebreaker)	Russia <sup>20</sup>	Viktor Vasiliev <sup>7</sup>	West 3
100	<i>Oden</i> (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	<i>Minke I</i> (12.8 m yacht)	Canada <sup>35</sup>	Peter Brock	East 6
Wintered in Tuktoyaktuk and in Cambridge Bay twice				

**2006**

102	<i>Bremen</i> <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	<i>Kapitan Khlebnikov</i> <sup>15</sup> (icebreaker)	Russia <sup>21</sup>	Pavel Ankudinov <sup>2</sup>	East 7
Carried passengers <sup>30</sup>				
104	<i>Nekton</i> (13.6 m yacht)	Poland <sup>1</sup>	Tadeusz Natanek	West 6
105	<i>Sary</i> (13.5 m yacht)	Poland <sup>2</sup>	Dominik Bac, Jacek Waclawski, and Sławek Skalmierski	West 6
Travelled in company, traversed Pond Inlet (changed skippers at Cambridge Bay and Tuktoyaktuk)				

**2007**

106	<i>Babouche</i> (7.5 m catamaran)	France <sup>5</sup>	Sébastien Roubinet	East 5
107	<i>Cloud Nine</i> (17.3 m ketch)	United States <sup>14</sup>	Roger Swanson	West 4
108	<i>Hanseatic</i> <sup>7</sup> (ice strengthened ship)	Bahamas <sup>12</sup>	Ulf Wolter <sup>1</sup>	West 5
Carried passengers <sup>31</sup>				
109	<i>Kapitan Khlebnikov</i> <sup>16</sup> (icebreaker)	Russia <sup>22</sup>	Viktor Vasiliev <sup>8</sup>	East 5
Carried passengers <sup>32</sup>				
110	<i>Luck Dragon</i> (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	<i>Arctic Wanderer</i> (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	<i>Amodino</i> (23 m yacht)	Spain	Juan Ribos	East 4
113	<i>Baloum Gwen</i> <sup>1</sup> (14.9 m yacht)	Belgium <sup>1</sup>	Thierry Fabing <sup>1</sup>	West 4
114	<i>Berrimilla</i> (10 m yacht)	Australia <sup>2</sup>	Alexander Whitworth	East 4
115	<i>Bremen</i> <sup>5</sup> (ice-strengthened ship)	Bahamas <sup>13</sup>	Ulf Wolter <sup>2</sup>	West 5
Carried passengers <sup>33</sup>				
116	<i>Peter Faber</i> (cable layer)	France <sup>6</sup>	Robert Hansen	East 3
Repositioning voyage <sup>1</sup>				
117	<i>Geraldine</i> (14 m yacht)	United States <sup>16</sup>	Walter Jones	West 3
118	<i>Southern Star</i> (23.7 m yacht)	France <sup>7</sup>	Olivier Pitras <sup>2</sup>	West 4
119	<i>Tyhina</i> (10.4 m yacht)	New Zealand <sup>2</sup>	Peter Elliott	West 4

**2009**

120	<i>Apoise</i> (67 m motor vessel)	Canada <sup>36</sup>	David Ritchie	West 4
121	<i>Bagan</i> (17.4 m motorboat)	United States <sup>17</sup>	Clinton Bolton	West 4
122	<i>Bremen</i> <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	<i>Baloum Gwen</i> <sup>2</sup> (14.9 m yacht)	Belgium <sup>2</sup>	Thierry Fabing <sup>2</sup>	East 6
Return voyage				
124	<i>Fleur Australe</i> (20 m yacht)	France <sup>8</sup>	Philippe Poupon	West 4
125	<i>Fiona</i> (12.8 m yacht)	United States <sup>18</sup>	Eric Forsyth	West 4
126	<i>Glory of the Sea</i> (15.3 m yacht)	France <sup>9</sup>	Charles Hedrich	West 4
127	<i>Hanseatic</i> <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
Circumnavigated the Americas				
129	<i>Perithia</i> (14.6 m yacht)	Germany <sup>3</sup>	Uwe Wohnort	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>37</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> (48 m motor yacht)	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 Circumnavigated 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 Circumnavigated the Americas
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>Imvubu</i> (15.9 m ketch)	South Africa	Ralf Dominick,	West 3
152	<i>Issuma</i> (15 m schooner)	Canada <sup>38</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> , circumnavigated the Americas
160	<i>Santa Maria Australis</i> (20.1 m ketch)	Germany <sup>4</sup>	Wolf Kloss	West 4 Circumnavigated North America
<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 yacht)	Italy	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
110	<i>Gotland Carolina</i> (183 m tanker)	Bahamas <sup>18</sup>	J. Justin	West 2
Conveyed 50 400 m <sup>3</sup> hydrocarbon cargo				
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>1</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	Kim Bork Mathiesen	East 5
180	<i>The World</i> (196·3 m 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 motor yacht)	Britain <sup>16</sup>	Frank Rothwell	East 4
Circumnavigated the Americas				
<b>2012-13</b>				
183	<i>Balthazar</i> (10·5 m yacht)	Canada <sup>39</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>40</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> (48 m motor yacht)	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</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; previously transited the Northeast Passage 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				

202	<i>Polar Prince</i> <sup>1</sup> (icebreaker)	Canada <sup>41</sup>	Andrew Barry	East 5 Traversed Pond Inlet
203	<i>Traversay III</i> (13·7 m yacht)	Canada <sup>42</sup>	Laurence Roberts	West 5 Assisted by CGCS <i>Henry Larsen</i>
<b>2013-14</b>				
204	<i>Empiricus</i> (15·2 m yawl)	United States <sup>23</sup>	Jesse Osborn	East 6 Wintered in Cambridge Bay, traversed Pond Inlet
205	<i>Gitana</i> (13·4 m schooner)	United States <sup>24</sup>	Michael Johnson	West 6 Wintered in Cambridge Bay
206	<i>Le Manguier</i> (21·1 m motor vessel)	France <sup>15</sup>	Philippe Hercher	East 6 Wintered in Paulatuk
<b>2014</b>				
207	<i>Altan Girl</i> (13·4 m motor vessel)	Canada <sup>43</sup>	Erkan Gursoy	East 6
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				
208	<i>Arctic Tern UK</i> (13·1 m sloop)	Britain <sup>20</sup>	Alison Parsons	West 6
209	<i>Drina</i> (15·2 m yacht)	Australia <sup>5</sup>	Michael Thurston	West 6
210	<i>Lady Dana 44</i> (14·3 m sloop)	Poland <sup>4</sup>	Ryszard Wojnowski	East 6 Circumnavigated the Arctic <sup>9</sup>
211	<i>Latitude</i> <sup>1</sup> (44·5 m motor yacht)	Cayman Islands <sup>9</sup>	Sean Meagher <sup>1</sup>	West 6
212	<i>L'Austral</i> (cruise vessel)	France <sup>16</sup>	Patrick Marchesseau <sup>1</sup>	West 4 Carried passengers <sup>47</sup> , assisted by CCGC <i>Pierre Radisson</i> in Bellot Strait
213	<i>Novara</i> (18·3 m schooner)	Britain <sup>21</sup>	Stephen Brown	West 6
214	<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, circumnavigated North America
215	<i>Silver Explorer</i> (cruise vessel)	Bahamas <sup>23</sup>	Alexander Golubev	West 5 Carried passengers <sup>48</sup> , assisted by CCGC <i>Pierre Radisson</i> in Victoria Strait
216	<i>Triton</i> (50 m motor vessel)	Marshall Islands <sup>4</sup>	Paul Jones	East 6
<b>2014-15</b>				
217	<i>Gjoa</i> (13·1 m yacht)	Canada <sup>44</sup>	Glenn Bainbridge	West 6 Assisted by <i>Akademik Sergey Vavilov</i> in Bellot Strait; wintered at Cambridge Bay
218	<i>Philos</i> <sup>2</sup> (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>45</sup>	Robert Graf	West 3 Single-handed voyage <sup>9</sup>
222	<i>Equanimity</i> (92 m yacht)	Cayman Islands <sup>10</sup>	Simon Jones	West 3
223	<i>Fennica</i> (multipurpose icebreaker)	Finland <sup>3</sup>	Tommy Berg	East 3 Repositioning voyage <sup>2</sup> ; 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)	France <sup>17</sup>	Emanuel Wattecamps-Etienne	West 4 Single-handed voyage <sup>10</sup> , vessel abandoned during a storm in Gulf of Alaska, skipper rescued by <i>Tor Viking II</i>
226	<i>Latitude</i> <sup>2</sup> (44·5 m motor yacht)	Cayman Islands <sup>11</sup>	Sean Meagher <sup>2</sup>	East 5
227	<i>Le Boreal</i> <sup>1</sup> (cruise vessel)	France <sup>18</sup>	Etienne Garcia <sup>2</sup>	West 6 Carried passengers <sup>49</sup>
228	<i>Le Soléal</i> (cruise vessel)	France <sup>19</sup>	Patrick Marchesseau <sup>2</sup>	West 6 Carried passengers <sup>50</sup>
229	<i>Necton</i> (14·0 m ketch)	Netherlands <sup>5</sup>	Aldert Hesseling	East 6
230	<i>Nordica</i> <sup>1</sup> (multipurpose icebreaker)	Finland <sup>4</sup>	Matti Westerlund	East 3 Repositioning voyage <sup>3</sup> ; 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 Circumnavigated the Americas
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

**2015-16**

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> (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> (138 m 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>
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>46</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
			Circumnavigated the Americas
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>Ma Louloutte</i> (6.3 catamaran)	France <sup>29</sup>	Yvan Bourgnon	East 6
		Transit completed only with towing, and much other assistance, by and from, several small craft	
272 <i>Makoré 2</i> (13.6 m yacht)	France <sup>30</sup>	Paul Bucaille	West 6
273 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>	

274 <i>Morning Haze</i> (16.9 m sloop)	Germany <sup>8</sup>	Jochen Winter	West 6
275 <i>Muktuk</i> <sup>2</sup> (14.3 sloop)	Austria <sup>4</sup>	Karl Mayer <sup>2</sup>	East 6
276 <i>Nauta D</i> (16.5 m yacht)	Germany <sup>9</sup>	Manfred Heinrich	West 6
277 <i>Nehaj</i> (11.9 m cutter)	Germany <sup>10</sup>	Susanne Huber-Curphey	East 6
278 <i>Nordica</i> <sup>2</sup> (multipurpose icebreaker)	Finland <sup>5</sup>	Jyri Vilanen	Single-handed voyage <sup>12</sup> East 3
279 <i>Plum</i> (21.9 m cutter)	Malta	Enrico Tettamanti	Repositioning voyage <sup>4</sup> East 6
280 <i>Polar Bound</i> <sup>7</sup> (14.6 m motor boat)	Britain <sup>25</sup>	David Scott Cowper <sup>8</sup>	Circumnavigated North America East 5
281 <i>Polar Prince</i> <sup>2</sup> (icebreaker)	Canada <sup>47</sup>	Stephan Guy	West 3
282 <i>Tiama</i> (15.2 m sloop)	New Zealand <sup>7</sup>	Hank Haazen	Carried passengers <sup>56</sup> East 6
283 <i>Tonga</i> (13.8 m yacht)	France <sup>31</sup>	Franck Delahaie	West 6
284 <i>Tranquilo</i> <sup>2</sup> (17.6 m cutter)	Netherlands <sup>9</sup>	Bart Veldink <sup>2</sup>	East 5
285 <i>Valentina</i> (15.2 m sloop)	Russia <sup>26</sup>	Sergei Shchekoldin	West 6
286 <i>Xue Long</i> (icebreaker)	China (Beijing)	Shen Quan	West 3
287 <i>Zulumbus</i> (11.7 m yacht)	Austria <sup>5</sup>	Bernhard Moser	West 6

**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 circumnavigated the Arctic Ocean. Many other voyages have been made through the archipelago of the Canadian Arctic, notably that of the experimental oil tanker *Manhattan* with escort vessels which reached 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 carried partly as deck cargo (including *Baymaud*, 1926-2017). These are not regarded as complete transits of the Northwest Passage; and incomplete transits have become too numerous to record.

**Data:** the list is subject to **revision and confirmation as additional information and improved details are received.**

Advice of corrections and additions is appreciated; <rkhl0@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/>.