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 238 complete maritime transits of the Northwest Passage have been made to the end of the 2015 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, from or to the Pacific Ocean (Bering Sea) through the Bering Strait. The Arctic Circle is crossed near the beginning and the end of all transits unless they proceed to the west coast of Greenland. The routes and directions are indicated. Complements of a few vessels left them for winter to return in a later navigation season. 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 154 and 171). These are shown on the attached map 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 used 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 vessels of draft less than 10 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 178 different vessels. The Russian icebreaker Kapitan Khlebnikov has made 17 transits, the largest number of any vessel. Hanseatic has made 11, Bremen 8 (2 with the former name, Frontier Spirit), and Polar Bound 5; 3 vessels have each made 3 transits, and 20 have made 2. More than one year was taken by 26 of these vessels, mainly small craft, to complete a transit wintering at various places along the route. Return transits in one summer have been made by 5 vessels. The vessels are from 31 registries: 50 from Canada, 27 United States, 24 Bahamas and Russia, 21 Britain, 20 France, 9 Cayman Islands, 6 Australia and Sweden, 5 Netherlands, New Zealand, and Poland, 4 Finland, Germany and Marshall Islands, 3 Belgium, and 2 Austria, Antigua and Barbuda, Norway, and Switzerland, and 1 from Barbados, Croatia, Denmark, Ireland (Éire), Italy, Japan, Nouvelle Calédonie, Panama, Singapore, South Africa, and Spain. Passengers, excluding those aboard private yachts, have been carried on 50 transits but only 6 (numbers 74, 75, 122, 175, 203, and 218) were otherwise commercial voyages. 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. Captain Viktor Vasiliev has commanded 8 transits, Heinz Aye, Piotr Golikov and David Scott Cowper 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 2014 shows:

Route 1 west 3 east 0 total 3 Route 2 west 12 east 4 total 16
Route 3 west 34 east 30 total 64 Route 4 west 36 east 11 total 47
Route 5 west 22 east 32 total 54 Route 6 west 19 east 30 total 49
Route 7 west 0 east 3 total 3 Composite west 1 east 1 total 2 [marked ‘Cp’ in list]
All Routes west 127 east 111 total 238

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), Brian McDonald (CCG), John MacFarlane, Peter Semotiuk, Tony Soper, Patrick Toomey (CCG), and Victor Wejer, 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, Ellesmere Island, Baffin Island
2. Davis Strait, Lancaster Sound, Baffin Island, Victoria Strait, Coronation Gulf, Amundsen Gulf, Beaufort Sea
3. Davis Strait, Lancaster Sound, Baffin Island, Victoria Strait, Coronation Gulf, Amundsen Gulf, Beaufort Sea
4. Davis Strait, Lancaster Sound, Baffin Island, Victoria Strait, Coronation Gulf, Amundsen Gulf, Beaufort Sea
5. Davis Strait, Lancaster Sound, Baffin Island, Victoria Strait, Coronation Gulf, Amundsen Gulf, Beaufort Sea
6. Davis Strait, Lancaster Sound, Baffin Island, Victoria Strait, Coronation Gulf, Amundsen Gulf, Beaufort Sea
7. Hudson Strait, Foxe Basin, Fury and Hecla Strait, Baffin Island, Victoria Strait, Coronation Gulf, Amundsen Gulf, Beaufort Sea

(Continued on next page)
<table>
<thead>
<tr>
<th>Year</th>
<th>Vessel</th>
<th>Flag</th>
<th>Master</th>
<th>Route</th>
</tr>
</thead>
<tbody>
<tr>
<td>1903-06</td>
<td><strong>Gjøa</strong> (21 m auxiliary sloop)</td>
<td>Norway¹</td>
<td>Roald Engelbregt Gravning Amundsen</td>
<td>West 4</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Wintered twice in Gjøa Haven and once off King Point</td>
</tr>
<tr>
<td>1940-42</td>
<td><strong>St Roch¹</strong> (29·7 m RCMP auxiliary schooner)</td>
<td>Canada¹</td>
<td>Henry Asbjørn Larsen¹</td>
<td>East 6</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Wintered at Walker Bay and Pasley Bay, traversed Pond Inlet</td>
</tr>
<tr>
<td>1944</td>
<td><strong>St Roch²</strong> (RCMP auxiliary schooner)</td>
<td>Canada²</td>
<td>Henry Asbjørn Larsen²</td>
<td>West 2</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Return voyage, first transit in one season, traversed Pond Inlet</td>
</tr>
<tr>
<td>1954</td>
<td><strong>HMCS Labrador</strong> (icebreaker)</td>
<td>Canada³</td>
<td>Owen Connor Struan Robertson</td>
<td>West 2</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>First continuous circumnavigation of North America</td>
</tr>
<tr>
<td>1957</td>
<td><strong>USCGC Bramble</strong> (buoy tender)</td>
<td>United States¹</td>
<td>Henry Hart Carter</td>
<td>East 6</td>
</tr>
<tr>
<td>1967</td>
<td><strong>USCGC Spar</strong> (buoy tender)</td>
<td>United States²</td>
<td>Charles Vinal Cowing</td>
<td>East 6</td>
</tr>
<tr>
<td>1975</td>
<td><strong>USCGC Storis</strong> (icebreaker)</td>
<td>United States³</td>
<td>Harold Lambert Wood</td>
<td>East 6</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Traveled in convoy, <em>Storis</em> escorted <em>Bramble</em> and <em>Spar</em>, accompanied by HMCS <em>Labrador</em> from Bellot Strait</td>
</tr>
<tr>
<td>1969</td>
<td><strong>USCGC Northwind¹</strong> (icebreaker)</td>
<td>United States⁴</td>
<td>Donald J. McCann¹</td>
<td>East 5</td>
</tr>
<tr>
<td></td>
<td><strong>USCGC Northwind²</strong> (icebreaker)</td>
<td>United States⁵</td>
<td>Donald J. McCann²</td>
<td>West 3</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Earliest return voyage in one season¹, to and from Thule in Greenland, escorted <em>Manhattan</em> for part of westbound voyage</td>
</tr>
<tr>
<td>1970</td>
<td><strong>CSS Baffin</strong> (research icebreaker)</td>
<td>Canada⁵</td>
<td>Paul M. Brick</td>
<td>East 2</td>
</tr>
<tr>
<td></td>
<td><strong>CSS Hudson¹</strong> (research icebreaker)</td>
<td>Canada⁶</td>
<td>David W. Butler</td>
<td>East 2</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td><em>Hudson</em> made the first circumnavigation of the Americas, <em>Baffin</em> accompanied <em>Hudson</em> through the Northwest Passage</td>
</tr>
<tr>
<td>1976</td>
<td><strong>CCGS Pandora II¹</strong> (hydrographic research vessel)</td>
<td>Canada⁷</td>
<td>R. Dickinson</td>
<td>East 7</td>
</tr>
<tr>
<td></td>
<td>** Theta** (research vessel)</td>
<td>Canada⁸</td>
<td>K. Maro</td>
<td>East 7</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Travelled in company</td>
</tr>
<tr>
<td>1977</td>
<td><strong>CSS Skidgate</strong> (buoy tender)</td>
<td>Canada⁹</td>
<td>Peter Kallis</td>
<td>East 6</td>
</tr>
<tr>
<td>1978</td>
<td><strong>CCGS J. E. Bernier¹</strong> (icebreaker)</td>
<td>Canada¹⁰</td>
<td>Paul Pelland</td>
<td>East 3</td>
</tr>
<tr>
<td>1979</td>
<td><strong>Canmar Kigoriak</strong> (icebreaker)</td>
<td>Canada¹³</td>
<td>C. Cunningham</td>
<td>West 2</td>
</tr>
<tr>
<td></td>
<td><strong>CCGS Louis S. St Laurent</strong> (icebreaker)</td>
<td>Canada¹⁴</td>
<td>George Burdock</td>
<td>West 2</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Circumnavigated North America</td>
</tr>
</tbody>
</table>
1980
23 CCGS J. E. Bernier\textsuperscript{2} (icebreaker)  Canada\textsuperscript{15}  E. Chasse  East 4
24 Pandora II\textsuperscript{2} (hydrographic survey vessel)  Canada\textsuperscript{16}  Robin A. Jones  East 4
Both vessels circumnavigated North America

1981
25 CSS Hudson\textsuperscript{3} (research icebreaker)  Canada\textsuperscript{17}  Frederick Mauger  East 3
Circumnavigated North America

1979-82
26 Mermaid (15 m sloop)  Japan  Kenichi Horie  West 6
First single-handed voyage\textsuperscript{1}, wintered in Resolute and Tuktoyaktuk

1983
27 Arctic Shiko (tug)  Canada\textsuperscript{18}  S. Dool  East 3
28 Polar Circle (research vessel)  Canada\textsuperscript{19}  J. A. Strand  East 4

1984
29 Lindblad Explorer\textsuperscript{1} (ice strengthened ship)  Sweden\textsuperscript{1}  Hasse Nilsson  West 4
First passenger\textsuperscript{1} voyage

1985
30 USCGC Polar Sea\textsuperscript{1} (icebreaker)  United States\textsuperscript{7}  John T. Howell  West 2
Accompanied by CCGS John A. McDonald for part of voyage
31 World Discoverer\textsuperscript{1} (ice strengthened ship)  Singapore\textsuperscript{1}  Heinz Aye\textsuperscript{1}  East 6
Carried passengers\textsuperscript{2}, traversed Pond Inlet

1976-88
32 Canmar Explorer II (drilling ship)  Canada\textsuperscript{20}  Ronald Colby  West 3
Reached Beaufort Sea for oil drilling programme from 1976 until completed transit

1983-88
33 Belvedere (18 m yacht)  United States\textsuperscript{8}  Sven Johansson  East 6
Reached Tuktoyaktuk 1983, conducted whaling research to 1987, completed transit in 1988, traversed Pond Inlet

1985-88
34 Vagabond II\textsuperscript{1} (12·8 m yacht)  France\textsuperscript{1}  Janusz Kurbiel (1985-87) and Wojciech Jacobson (1988)  East 6
Wintered in Tuktoyaktuk and twice in Gjoa Haven (where changed masters), circumnavigated North America

1988
35 CCGS Henry A. Larsen (icebreaker)  Canada\textsuperscript{21}  Stephen A. Gomes  East 5
36 CCGS Martha L. Black (icebreaker)  Canada\textsuperscript{22}  Robert J. Mellis\textsuperscript{1}  East 5
Circumnavigated North America
37 USCGC Polar Star\textsuperscript{1} (icebreaker)  United States\textsuperscript{9}  Paul A. Taylor  East 3
Accompanied by CCGS Sir John Franklin to Demarcation Point
38 Society Explorer\textsuperscript{2} (ice strengthened ship)  Bahamas\textsuperscript{1}  Heinz Aye\textsuperscript{2}  East 5
Carried passengers\textsuperscript{3}, traversed Pond Inlet [formerly Lindblad Explorer]

1986-89
39 Mabel E. Holland (12·8 m lifeboat)  Britain\textsuperscript{1}  David Scott Cowper\textsuperscript{1}  West 6
Single-handed voyage\textsuperscript{2}, vessel wintered at Fort Ross twice, and at Inuvik

1988-89
40 Northanger (15 m ketch)  Britain\textsuperscript{2}  Richard Thomas\textsuperscript{1}  West 4
Wintered in Inuvik

1989
41 USCGC Polar Star\textsuperscript{2} (icebreaker)  United States\textsuperscript{10}  Robert Hammond  West 3
Accompanied by CCGS Sir John Franklin to Demarcation Point

1983-90
42 Ikaluk\textsuperscript{1} (icebreaker)  Canada\textsuperscript{23}  R. Cormier\textsuperscript{1}  East 3
Reached Beaufort Sea in 1983, where worked to 1990 when completed transit
1990
43 CCGC Terry Fox (icebreaker) | Canada | Peter Kimmerley | East 3
44 USCGC Polar Sea (icebreaker) | United States | Joseph J. McCleland | West 3
Accompanied by CCGS Pierre Radisson to Demarcation Point

1991
45 Canmar Tugger (tug) | Canada | L. Lorengeek | East 3

1992
46 Frontier Spirit (ice strengthened ship) | Bahamas | Heinz Aye | West 3
Carried passengers, traversed Pond Inlet
47 Ikaluk (icebreaker) | Canada | R. Cormier | West 3
48 Kapitan Khlebnikov (icebreaker) | Russia | Piotr Golikov | East 3
Carried passengers

1993
49 Dagmar Aaen (27 m yacht) | Germany | Arved Fuchs | West 5
50 Frontier Spirit (ice strengthened ship) | Bahamas | Heinz Aye | West 3
Carried passengers
51 Kapitan Khlebnikov (icebreaker) | Russia | Piotr Golikov | East 3
Carried passengers

1994
52 Hanseatic (ice strengthened ship) | Bahamas | Hartwig van Harling | West 3
Carried passengers
53 Itasca (converted tug) | Britain | Allan Jouning | East 4
54 Kapitan Khlebnikov (icebreaker) | Russia | Piotr Golikov | East 3
55 Kapitan Khlebnikov (icebreaker) | Russia | Piotr Golikov | West 2
Return voyage in one season, carried passengers

1995
56 CCGS Arctic Ivik (icebreaker) | Canada | Norman Thomas | East 5
57 CCGS Arctic Ivik (icebreaker) | Canada | Robert J. Mellis | West 5
Return voyage in one season, to and from Kap York
58 Canmar Ikaluk (icebreaker) | Canada | D. Connolly | East 3
[formerly Ikaluk]
59 Canmar Miscarroo (icebreaker) | Canada | D. W. Harris | East 3
60 Dove III (8-5 m yacht) | Canada | Winston Bushnell | East 3
61 Hrvatska Cigra (19-8 m yacht) | Croatia | Mladen Sutej | West 5
62 Kapitan Khlebnikov (icebreaker) | Russia | Viktor Vasiliev | East 3
Carried passengers

1996
63 Arctic Circle (tug) | Canada | Jack McCormack | East 3
64 Canmar Supplier II (cargo vessel) | Canada | P. Dunderdale | East 3
Carried passengers, grounded in Simpson Strait, escorted by CCGS Henry A. Larsen to Victoria Strait, traversed Pond Inlet
65 Hanseatic (ice strengthened ship) | Bahamas | Hartwig van Harling | West 3
Carried passengers
66 Kapitan Dranitsyn (icebreaker) | Russia | Oleg Agafonov | East 5
Carried passengers
67 CCGS Sir Wilfrid Laurier (icebreaker) | Canada | Norman Thomas | East 5
Escorted by CCGS Louis S. St Laurent for part of voyage, traversed Pond Inlet

1997
68 Alex Gordon (tug) | Canada | Paul Misata | East 5
Escorted by CCGS Sir Wilfrid Laurier to Franklin Strait and then CCGS Pierre Radisson
69 Hanseatic (ice strengthened ship) | Bahamas | Heinz Aye | West 3
Carried passengers, escorted to Victoria Strait by CCGS Henry A. Larsen, traversed Pond Inlet
70 Kapitan Khlebnikov (icebreaker) | Russia | Viktor Vasiliev | East 3
Carried passengers
71 Supplier (tug) | Bahamas | Allan Guenter | East 5
Escorted by CCGS Terry Fox to Victoria Strait
1998
72 Hanseatic4 (ice strengthened ship) Bahamas8 Heinz Aye6 East 3
Carried passengers16, escorted to Victoria Strait by CCGS Sir John Franklin, traversed Pond Inlet

73 Kapitan Khlebnikov7 (icebreaker) Russia4 Piotr Golikov5 East 3
Carried passengers17

1999
74 Admiral Makarov (icebreaker) Russia9 Vadim Kholodenko East 3

75 Irbis (tug) Russia10 Aleksandr Alekseenko East 3
Travelled in convoy each towing a component of a steel floating dock, Korea to Caribbean

76 Kapitan Dranitsyn2 (icebreaker) Russia11 Viktor Terekhov1 West 3
Carried passengers18, circumnavigated the Arctic1

77 Ocean Search (12·5 m yacht) France2 Olivier Pitras1 East 6
Traversed Pond Inlet

2000
78 Evohe (25 m yacht) New Zealand1 Stephen Kafka East 6

79 Hanseatic9 (ice strengthened ship) Bahamas9 Thilo Natke1 West 3
Carried passengers19, traversed Pond Inlet

80 USCGC Healy4 (icebreaker) United States12 Jeffrey M. Garrett West 3

81 Kapitan Dranitsyn1 (icebreaker) Russia12 Viktor Terekhov2 West 3
Carried passengers20, circumnavigated the Arctic2

82 Nadon (17·7 m RCMP catamaran) Canada36 Kenneth Burton East 6
Voyage to commemorate St Roch 1940-42 transit; circumnavigated North America

83 Simon Fraser (icebreaker) Canada37 Robert J. Mellis3 East 6
Escorted Nadon

2001
84 Kapitan Khlebnikov9 (icebreaker) Russia13 Viktor Vasiliev3 East 3

85 Kapitan Khlebnikov9 (icebreaker) Russia13 Viktor Vasiliev3 East 3
Return voyage in one season4, carried passengers21 & 22

86 Northabout (14·9 m yacht) Ireland (Éire) Jarlath Cunnane West 4
Circumnavigated the Arctic3

87 Turmoil1 (46 m motor yacht) Cayman Islands1 Philip Walsh West 4
Traversed Pond Inlet

2001-02
88 Nuage (12·8 m yacht) France3 Michèle Demai East 5
Complement of mother and daughter, wintered in Cambridge Bay

2002
89 Apostol Andrey (16·2 m yacht) Russia15 Nikolay A. Litaun East 5
Assisted by CCGS Louis S. St Laurent through Prince Regent Inlet, circumnavigated the Arctic4

90 Arctic Kalvik (icebreaker tug) Barbados Sanjeev Kumar East 3

91 Hanseatic6 (ice strengthened ship) Bahamas10 Thilo Natke2 West 3
Carried passengers23, traversed Pond Inlet

92 Kapitan Khlebnikov10 (icebreaker) Russia16 Piotr Golikov6 East 3
Carried passengers24

93 Sedna IV (51 m yacht) Canada38 Stéphan Guy West 5

2003
94 Bremen1 (ice strengthened ship) Bahamas31 Daniel Felgner West 3
Carried passengers25, traversed Pond Inlet [formerly Frontier Spirit]

95 USCGC Healy2 (icebreaker) United States13 Daniel Oliver West 3

96 Kapitan Khlebnikov11 (icebreaker) Russia17 Viktor Vasiliev5 East 5
Carried passengers26

97 Norwegian Blue (12·9 m yacht) Britain4 Andrew Wood East 5
Traversed Pond Inlet

98 Vagabond2 (15·3 m yacht) France4 Eric Brossier East 5
Traversed Pond Inlet, circumnavigated the Arctic5 [formerly Vagabond II]
2003-04
99 Dagmar Aaen\(^2\) (27 m yacht) Germany\(^2\) Arved Fuchs\(^2\) East 5
Wintred in Cambridge Bay, assisted by CCGS Louis S. St Laurent, traversed Pond Inlet; circumnavigated the Arctic\(^6\)
100 Polar Bound\(^1\) (14-6 m motorboat) Britain\(^5\) David Scott Cowper\(^2\) East 5
Single-handed voyage\(^3\), wintered in Cambridge Bay, assisted by CCGS Louis S. St Laurent in Prince Regent Inlet

2004
101 Kapitan Khlebnikov\(^12\) (icebreaker) Russia\(^18\) Pavel Ankudinov\(^1\) East 5
Carried passengers\(^27\)

2004-05
102 Fine Tolerance (13-7 m yacht) Australia\(^1\) Philip Hogg East 6
Wintered in Cambridge Bay, assisted by CCGS Sir Wilfrid Laurier and CCGS Louis S. St Laurent through Bellot Strait

2005
103 Idlewild (17-3 m motorboat) Canada\(^39\) Benjamin Grey East 6
Assisted by CCGS Sir Wilfrid Laurier and CCGS Louis S. St Laurent through Bellot Strait
104 Kapitan Khlebnikov\(^13\) (icebreaker) Russia\(^19\) Viktor Vasiliev\(^6\) East 3
105 Kapitan Khlebnikov\(^14\) (icebreaker) Russia\(^20\) Viktor Vasiliev\(^7\) West 3
Return voyage in one season\(^5\), carried passengers\(^28\) eastbound
106 Oden (icebreaker) Sweden\(^2\) Anders Wikström West 3

2003-06
107 Minke I (12-8 m yacht) Canada\(^40\) Peter Brook East 6
Wintered in Tuktoyaktuk and in Cambridge Bay twice

2006
108 Bremen\(^4\) (ice-strengthened ship) Bahamas\(^12\) Marc Behrend\(^1\) West 4
Carried passengers\(^29\), traversed Pond Inlet
109 Kapitan Khlebnikov\(^15\) (icebreaker) Russia\(^21\) Pavel Ankudinov\(^2\) East 7
Carried passengers\(^30\)
110 Nekton (13-6 m yacht) Poland\(^1\) Tadeusz Natanek West 6
111 Stary (13-5 m yacht) Poland\(^2\) Dominik Bac, Jacek Wachawski, and Slawek Skalmierski West 6
Travelled in company, traversed Pond Inlet (changed masters at Cambridge Bay and Tuktoyaktuk)

2007
112 Babouche (7-5 m catamaran) France\(^5\) Sébastien Roubinet East 5
113 Cloud Nine (17-3 m ketch) United States\(^14\) Roger Swanson West 4
114 Hanseatic\(^7\) (ice strengthened ship) Bahamas\(^13\) Ulf Wolter\(^1\) West 5
Carried passengers\(^31\)
115 Kapitan Khlebnikov\(^16\) (icebreaker) Russia\(^22\) Viktor Vasiliev\(^8\) East 5
Carried passengers\(^32\)
116 Luck Dragon (12-1 m yacht) Britain\(^6\) Jeffrey Allison West 3
Vessel abandoned and lost during a storm in Bering Sea

2005-08
117 Arctic Wanderer (11-9 m yacht) United States\(^15\) Gary E. Ramos East 6
Single-handed voyage\(^4\), wintered in Cambridge Bay thrice

2008
118 Amodino (23 m yacht) Spain Juan Ribos East 4
119 Baloum Gwen\(^1\) (14-9 m yacht) Belgium\(^1\) Thierry Fabing\(^1\) West 4
120 Berrimilla (10 m yacht) Australia\(^7\) Alexander Whitworth East 4
121 Bremen\(^8\) (ice-strengthened ship) Bahamas\(^14\) Ulf Wolter\(^2\) West 5
Carried passengers\(^33\)
122 Peter Faber (cable layer) France\(^6\) Robert Hansen East 3
123 Geraldine (14 m yacht) United States\(^16\) Walter Jones West 3
124 Southern Star (23-7 m yacht) France\(^7\) Olivier Pitras\(^2\) West 4
125 Tyhina (10-4 m yacht) New Zealand\(^2\) Peter Elliott West 4

2009
126 Apoise (67 m motor vessel) Canada\(^41\) David Ritchie West 4
127 Bagan (17-4 m motorboat) United States\(^17\) Clinton Bolton West 4
128 Bremen (ice-strengthened ship) Bahamas Marc Behrend West 4
Carried passengers, traversed Pond Inlet
129 Baloum Gwen (14·9 m yacht) Belgium Thierry Fabling East 6
Return voyage
130 Fleur Australie (20 m yacht) France Philippe Poupon West 4
131 Fiona (12·8 m yacht) United States Eric Forsyth West 4
132 Glory of the Sea (15·3 m yacht) France Charles Hedrich West 4
133 Hanseatic (ice-strengthened ship) Bahamas Thilo Natke East 4
Carried passengers, voyage included a return transit of Bellot Strait from Peel Sound
134 Ocean Watch (19·2 m yacht) United States Mark Schrader East 6
135 Perithia (14·6 m yacht) Germany Uwe Wohnort West 4
136 Polar Bound (14·6 m motorboat) Britain David Scott Cowper West 5
Single-handed voyage
137 Precipice (9·1 m yacht) United States Rolland Trowbridge West 6
138 Silent Sound (12·2 m yacht) Canada Cameron Dueck East 6
Traversed Pond Inlet
2010
139 Ariel IV (15·2 m sloop) Sweden Eric Boye West 4
140 Astral Express (12·5 m yacht) New Zealand Graeme Kendall West 3
Single-handed voyage
141 Dione Sky (46 m motor yacht) Cayman Islands Brian Harrison West 2
[formerly Turmoil]
142 Hanse Explorer (48 m motor yacht) Antigua and Barbuda Bernd Buchner West 3
Carried Passengers, traversed Pond Inlet
143 Hanseatic (ice-strengthened ship) Bahamas Thilo Natke West 4
Carried Passengers, traversed Pond Inlet
144 Kapitan Khlebnikov (icebreaker) Russia Anatoliy Kovalenko East 5
Carried passengers
145 Octopus (128 m motor yacht) Cayman Islands Glenn Dalby West 2
Traversed Pond Inlet
146 Rx II (11 m yacht) Norway Trond Aasvoll East 4
Circumnavigated the Arctic
147 Sarema (15·2 m yacht) Finland Pekka Kauppila East 4
Traversed Pond Inlet
148 Solanus (14·5 m yacht) Poland Bronisław Radliński West 4
149 T6 (48·5 m motor yacht) Cayman Islands John Spencer West 3
Traversed Pond Inlet
150 Young Larry (13·4 m yawl) Britain Andrew Wilkes West 4
2010-11
151 Anna (10·5 m yawl) Sweden Börje Ivarsson West 4
Wintered in Inuvik
2011
152 Arcadia (35·8 m motor yacht) Cayman Islands James Pizzaruso West 5
Traversed Pond Inlet
153 Asteria (converted tug) Marshall Islands Donald Feil West 3
154 Bremen (ice-strengthened ship) Bahamas Marc Behrend East Cp
Composite course: McClure Strait, Prince of Wales Strait, and then route 4; carried passengers
155 Chamade (13·3 m yacht) Switzerland Marc Decrey West 4
156 Invuubu (15·9 m ketch) South Africa Ralf Dominick, West 3
157 Issuma (15 m schooner) Canada Richard Hudson West 5
158 Kotuku (12·2 m yacht) New Zealand Ian Douglass East 6
159 Leava (12·5 m sloop) France Alain Bataedd East 6
160 Muktuk (14·3 m sloop) Austria Karl Mayer West 4
161 Pangaeas (35 m yacht) United States Michael Horn East 4
162 Polar Bound (14·6 m motorboat) Britain David Scott Cowper West 3
Single-handed voyage, circumnavigated the Americas
163 Rus (7·6 m trimaran) Russia Oleg Volynkin West 5
164 St Brendan (8·2 m yacht) United States Matthew Rutherford West 3
165 Santa Maria Australis (20·1 m ketch) Germany Wolf Kloss West 4
2011-12

166 Roxane (10·7 m sloop) France11 Luc Dupont West 4
167 Teleport (8·9 m junk rigged yacht) Australia5 Christopher Bray West 5
Both wintered in Cambridge Bay

2012

168 Belzebub II (9·4 m yacht) Sweden5 Edvin Buregren West 1
Also visited Grise Fjord
169 Beothuk (31·1 m motor vessel) Cayman Islands6 Liam Devlin West 6
170 Best Explorer (15·6 m yacht) Italy Giovanni Acquarone West 4
171 Billy Budd (34·3 m motor yacht) Britain10 Clive Shute West Cp
Made a return transit of Bellot Strait, visited Winter Harbour.
172 Coriolis 14 (25 m yacht) France12 Richard Mergeaux West 2
173 Dodo's Delight1 (10·1 m yacht) Britain11 Robert Shepton West 5
174 Fortrus (50 m motor yacht) Britain12 Scott Newson West 6
175 Gotland Carolina (183 m tanker) Bahamas19 J. Justin West 2
Conveyed 50 400 m³ hydrocarbon cargo
176 Hanseatic10 (ice-strengthened ship) Bahamas20 Thilo Natke5 East 5
Carried passengers40, circumnavigated Cornwallis Island
177 Jonathan III (14·9 m yacht) Netherlands5 Mark van de Weg West 4
Made a return transit of Bellot Strait, traversed Pond Inlet
178 Katharsis II (21·9 m yacht) Britain13 Mariusz Koper West 3
Made a return transit of Bellot Strait
179 Marguerite (15·8 m sloop) France13 Janusz Kurbiel West 4
180 Nordwind (26·8 m yacht) Britain14 Hans Albrecht West 3
Made a return transit of Bellot Strait
181 Octopus2 (128 m motor yacht) Cayman Islands7 Glenn Dalby2 West 2
182 Philos1 (15·2 m schooner) Australia4 Roger Wallis1 West 4
183 Polar Bound1 (14·6 m motorboat) Britain15 David Scott Cowper5 West 1
184 Sol (12·8 m yacht) Denmark Kim Bork Mathiesen East 5
185 The World (196·3 m condominium vessel) Bahamas71 Dag Harald Sävik East 5
Carried resident passengers41; traversed Pond Inlet
186 Tokimata (13·1 m yacht) New Zealand5 Peter Garden East 5
Traversed Pond Inlet
187 Upchuk (15·8 m motor yacht) Britain16 Frank Rothwell East 4

2012-13

188 Balthazar (10·5 m yacht) Canada44 Guy Lavoie West 6
Wintered at Inuvik
189 Tranquillo (17·6 m yacht) Netherlands5 Bart Veldink East 5
Wintered off Pim Island

2013

190 Anna2 (10·5 m yawl) Sweden6 Pelle Ivarsson East 6
191 Arkitika (15 m sloop) Finland2 Gilles Elkaim West 5
192 Bremen10 (ice-strengthened ship) Bahamas12 Roman Obrist East 3
Carried passengers32; assisted by CGCS Henry Larsen
193 d'Acalèphe (13·9 yacht) Canada45 Jean-Gilles Lemieux West 5
194 Dodo's Delight2 (10·1 m yacht) Britain17 Robert Shepton2 East 5
195 Hanse Explorer2 (48 m motor yacht) Antigua and Barbuda2 Jens Köthen West 5
Carried passengers43
196 Hanseatic10 (ice-strengthened ship) Bahamas23 Mark Behrend4 West 5
Carried passengers44, traversed Pond Inlet
197 Isatis (14·2 m yacht) Nouvelle Calédonie Jean-Pierre Leive West 5
198 La Belle Epoque (12·8 m yacht) Austria2 Jürgen Kircherberger West 5
199 Lady M II (50 m motor yacht) Marshall Islands2 Jim Bulman West 5
Carried passengers45; assisted by CGCS Henry Larsen, traversed Pond Inlet
200 Le Soléal (cruise vessel) France14 Etienne Garcia1 West 6
Carried passengers46
201 Libellule (14·3 m catamaran) Switzerland2 Philip Cottier West 5
Traversed Pond Inlet, assisted by CGCS Henry Larsen
202 Michaela Rose (49·4 m motor yacht) Britain18 Tom Noorman East 5
Assisted by CGCS Henry Larsen
203 Nordic Orion (ice-strengthened bulk cargo vessel) Conveyed 73,000 tonnes of coal from Vancouver to Finland; previously transited the Northeast Passage circumnavigated the Arctic; largest ship to transit; escorted by CCGS Louis S. St Laurent in Peel Sound

204 Octopus (128 m motor yacht) Cayman Islands Janinek Olsson East 5
205 Perd pas le Nord (15-2 m yacht) Belgium Nicolas Mouchart West 6
206 Polar Bound (14-6 m motor boat) Britain David Scott Cowper East 5
207 Polar Prince (94-1 m icebreaker) Canada Andrew Barry Traversed Peel Sound
208 Traversay III (13-7 m yacht) Canada Laurence Roberts West 5

209 Empiricus (15-2 m yawl) United States Jesse Osborn East 6
210 Gitana (13-4 m schooner) United States Michael Johnson West 6
211 Le Manguier (21-1 m motor vessel) France Philippe Hercher East 6

212 Altan Girl (13-4 m motor vessel) Canada Erkan Gursoy East 6
Single handed voyage, rescued by USCG Healy off Point Barrow, assisted by Tandberg Polar through Bellot Strait

213 Arctic Tern UK (13-1 m sloop) Britain Alison Parsons West 6
214 Drina (16-8 m ketch) Australia Michael Thurston West 6
215 Lady Dana 44 (14-3 m sloop) Poland Ryszard Woźniowski East 6
Circumnavigated the Arctic

216 Latitude (44-5 m motor yacht) Cayman Islands Sean Meagher West 6
217 L’Austral (cruise vessel) France Patrick Merchesseaud West 4
Carried passengers assisted by CCGC Pierre Radisson in Bellot Strait

218 Novara (18-3 m schooner) Marshall Islands Randy Rose West 2
219 Nunavik (ice-strengthened bulk cargo vessel) Conveyed 23,000 tonnes of nickel concentrate to China, circumnavigated North America

220 Silver Explorer (cruise vessel) Bahamas Alexander Golubev West 5
Carried passengers, assisted by CCGC Pierre Radisson in Victoria Strait

221 Triton (50 m motor vessel) Marshall Islands Paul Jones East 6

2013-14

2014

212 Alcan Girl (13-4 m motor vessel) Canada Erkan Gursoy East 6
Single handed voyage, rescued by USCG Healy off Point Barrow, assisted by Tandberg Polar through Bellot Strait

213 Arctic Tern UK (13-1 m sloop) Britain Alison Parsons West 6
214 Drina (16-8 m ketch) Australia Michael Thurston West 6
215 Lady Dana 44 (14-3 m sloop) Poland Ryszard Woźniowski East 6
Circumnavigated the Arctic

216 Latitude (44-5 m motor yacht) Cayman Islands Sean Meagher West 6
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Carried passengers assisted by CCGC Pierre Radisson in Bellot Strait

218 Novara (18-3 m schooner) Marshall Islands Randy Rose West 2
219 Nunavik (ice-strengthened bulk cargo vessel) Conveyed 23,000 tonnes of nickel concentrate to China, circumnavigated North America

220 Silver Explorer (cruise vessel) Bahamas Alexander Golubev West 5
Carried passengers, assisted by CCGC Pierre Radisson in Victoria Strait

221 Triton (50 m motor vessel) Marshall Islands Paul Jones East 6

2014-15

222 Gjoa (13-1 m yawl) Canada Glenn Bainbridge West 6
Assisted by Akademik Sergey Vavilov in Bellot Strait; wintered at Cambridge Bay

223 Philos (15-2 m schooner) Australia Roger Wallis East 6
Wintere in Cambridge Bay

2015

224 Aventura (14 m sloop) Britain James (Jimmy) Cornell, West 6
225 Bagheera (16 m cutter) Netherlands Erik de Jong West 3
226 Drifter Way (14-9 m ketch) Canada Robert Graf West 3
Single handed voyage

227 Fennica (100 m multipurpose icebreaker) Finland Tommy Berg East 3
Travellied in company with Nordica

228 Hawk (12-8 m sloop) United States Joe Wolff West 4
Made a return transit of Bellot Strait

229 La Chimère (10 m sloop) France Émanuel Wattecamp-Etienne West 4
Single-handed voyage, vessel abandoned during a storm in Gulf of Alaska, skipper rescued by United States Coast Guard.

230 Latitude (44-5 m motor yacht) Cayman Islands Sean Meagher East 5

231 Le Boreal (cruise vessel) France Étienne Garcia West 6
Carried passengers

232 Le Soléal (cruise vessel) France Patrick Marchesau West 6
Carried passengers

233 Necton (14-0 m ketch) Netherlands Aldert Hesseling East 6

234 Nordica (100 m multipurpose icebreaker) Finland Matti Westerlund East 3
Travellied in company with Fennica

235 Salty (19-8 m cutter) United States Carl Zaniboni West 3

236 Selma (20-4 m ketch) Poland Piotr Kuźniar West 6

237 Snow Dragon II (14-9 m yacht) United States Frances Brann West 3
Notes: Several vessels, including recent small craft have traversed the Canadian Arctic archipelago, Beaufort Sea and Chukchi Sea. Those which did not transit Bering Strait nor enter the Pacific Ocean are not included in this list, although most 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 or other locations north of Davis Strait or the coast of Greenland. Such voyages, and one where the vessel carried partly as deck cargo aboard a Canadian icebreaker, are similarly not regarded as complete transits of the Northwest Passage. Incomplete transits are too numerous to record.

Data: the list is subject to revision and confirmation when additional information and improved details are received. Advice of corrections and additions is always appreciated; <rk10@cam.ac.uk>. A copy of the latest iteration is available from the same source.