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

ATLANTIC OCEAN ↔ ARCTIC OCEAN ↔ PACIFIC OCEAN

R. K. Headland and colleagues 18 October 2019
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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 314 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 149 and 167). 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 northermmost, 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 23 have made 2. More than one year was taken by 31 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: 48 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, Curacao, Czechia, Greenland, Hong Kong, Hungary, Ireland (Dublin), Israel, Italy, Japan, Nouvelle Calédonie, Panama, Singapore, Slovakia, South Africa, and Spain. Specific passengers vessels have made 62 transits, but only 11 transits carried commercial cargo (numbers 68, 69, 171, 199, 215, 237, 259, 264, 293, 294, 295, and 313). Others were for repositioning and supply, or other work, in the Arctic. Several of the vessels have circumnavigated the Arctic Ocean the Northern Sea Route (Northeast Passage) 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 13 east 4 total 17
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 180 east 134 total 314

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.
<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><em>Gjøa</em> (21 m auxiliary sloop)</td>
<td>Norway¹</td>
<td>Roald Engelbregt Gravning Amundsen</td>
<td>West 4</td>
</tr>
<tr>
<td></td>
<td>Wintered twice in Gjøa Haven and once off King Point</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>1940-42</td>
<td><em>St Roch</em>¹ (29.7 m auxiliary schooner)</td>
<td>Canada¹</td>
<td>Henry Asbjørn Larsen¹</td>
<td>East 6</td>
</tr>
<tr>
<td></td>
<td>RCMP voyage, wintered at Walker Bay and Pasley Bay, traversed Pond Inlet</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>1944</td>
<td><em>St Roch</em>² (29.7 m auxiliary schooner)</td>
<td>Canada²</td>
<td>Henry Asbjørn Larsen²</td>
<td>West 2</td>
</tr>
<tr>
<td></td>
<td>RCMP return voyage, earliest transit in one season, traversed Pond Inlet</td>
<td></td>
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<td></td>
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<tr>
<td>1954</td>
<td><em>HMCS Labrador</em> (icebreaker)</td>
<td>Canada³</td>
<td>Owen Connor Struan Robertson</td>
<td>West 2</td>
</tr>
<tr>
<td></td>
<td>First continuous circumnavigation of North America</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1957</td>
<td><em>USCGC Bramble</em> (buoy tender)</td>
<td>United States¹</td>
<td>Henry Hart Carter</td>
<td>East 6</td>
</tr>
<tr>
<td>1967</td>
<td><em>USCGC Spar</em> (buoy tender)</td>
<td>United States²</td>
<td>Charles Vinal Cowing</td>
<td>East 6</td>
</tr>
<tr>
<td>1969</td>
<td><em>USCGC Storis</em> (icebreaker)</td>
<td>United States³</td>
<td>Harold Lambert Wood</td>
<td>East 6</td>
</tr>
<tr>
<td></td>
<td>Travelled in convoy, <em>Storis</em> escorted <em>Bramble</em> and <em>Spar</em>, accompanied by <em>HMCS Labrador</em> from Bellot Strait</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1970</td>
<td><em>CSS Baffin</em> (research icebreaker)</td>
<td>Canada³</td>
<td>Paul M. Brick</td>
<td>East 2</td>
</tr>
<tr>
<td>1975</td>
<td><em>CCGS J. E. Bernier</em>¹ (icebreaker)</td>
<td>Canada¹⁰</td>
<td>Paul Pelland</td>
<td>East 3</td>
</tr>
<tr>
<td>1976</td>
<td><em>CSS Hudson</em>¹ (research icebreaker)</td>
<td>Canada⁶</td>
<td>David W. Butler</td>
<td>East 2</td>
</tr>
<tr>
<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>
<td></td>
<td></td>
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<tr>
<td>1977</td>
<td><em>CCGS J. E. Bernier</em>² (icebreaker)</td>
<td>Canada¹⁰</td>
<td>Paul Pelland</td>
<td>East 3</td>
</tr>
<tr>
<td></td>
<td>Single-handed after Gjøa Haven</td>
<td></td>
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</tr>
<tr>
<td>1978</td>
<td><em>CCGS Pierre Radisson</em> (icebreaker)</td>
<td>Canada¹¹</td>
<td>Patrick Robert Michael Toomey</td>
<td>East 2</td>
</tr>
<tr>
<td>1976-78</td>
<td><em>J. E. Bernier II</em> (12 m sloop)</td>
<td>Canada¹²</td>
<td>Réal Bouvier</td>
<td>West 4</td>
</tr>
<tr>
<td></td>
<td>Wintered in Holsteinborg/Sisimuit, and Tuktoyaktuk</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>1979</td>
<td><em>Canmar Kigoriak</em> (icebreaker)</td>
<td>Canada¹³</td>
<td>C. Cunningham</td>
<td>West 2</td>
</tr>
<tr>
<td>1979</td>
<td><em>CCGS Louis S. St Laurent</em> (icebreaker)</td>
<td>Canada¹⁴</td>
<td>George Burdock</td>
<td>West 2</td>
</tr>
<tr>
<td>Year</td>
<td>Name</td>
<td>Country</td>
<td>Skipper</td>
<td>Notes</td>
</tr>
<tr>
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<tr>
<td>1980</td>
<td>CCGS J. E. Bernier²</td>
<td>Canada</td>
<td>E. Chasse</td>
<td>East 4</td>
</tr>
<tr>
<td>1980</td>
<td>Pandora II² (hydrographic vessel)</td>
<td>Canada</td>
<td>Robin A. Jones</td>
<td>East 4</td>
</tr>
<tr>
<td>1981</td>
<td>CSS Hudson² (research icebreaker)</td>
<td>Canada</td>
<td>Frederick Maugier</td>
<td>East 3</td>
</tr>
<tr>
<td>1979-82</td>
<td>Mermaid (15 m sloop)</td>
<td>Japan</td>
<td>Kenichi Horie</td>
<td>West 6</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Single-handed voyage¹, wintered in Resolute and Tuktoyaktuk.</td>
</tr>
<tr>
<td>1983</td>
<td>Arctic Shiko (tug)</td>
<td>Canada</td>
<td>S. Dool</td>
<td>East 3</td>
</tr>
<tr>
<td>1984</td>
<td>Polar Circle (research vessel)</td>
<td>Canada</td>
<td>J. A. Strand</td>
<td>East 4</td>
</tr>
<tr>
<td>1984</td>
<td>Lindblad Explorer¹ (ice strengthened ship)</td>
<td>Sweden</td>
<td>Hasse Nilsson</td>
<td>West 4</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>First passenger¹ voyage.</td>
</tr>
<tr>
<td>1985</td>
<td>USCGC Polar Sea¹ (icebreaker)</td>
<td>United States</td>
<td>John T. Howell</td>
<td>West 2</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Accompanied by CCGS John A. McDonald for part of voyage.</td>
</tr>
<tr>
<td>1985</td>
<td>World Discoverer¹ (ice strengthened ship)</td>
<td>Singapore</td>
<td>Heinz Aye¹</td>
<td>East 6</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Carried passengers², traversed Pond Inlet.</td>
</tr>
<tr>
<td>1976-88</td>
<td>Canmar Explorer II (drilling ship)</td>
<td>Canada</td>
<td>Ronald Colby</td>
<td>West 3</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Reached Beaufort Sea for oil drilling programme from 1976 until completed transit</td>
</tr>
<tr>
<td>1983-88</td>
<td>Belvedere (18 m yacht)</td>
<td>United States</td>
<td>Sven Johansson</td>
<td>East 6</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Reached Tuktoyaktuk 1983, conducted whaling research to 1987, completed transit in 1988, traversed Pond Inlet</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Wintered in Tuktoyaktuk and twice in Gjoa Haven (where changed skippers).</td>
</tr>
<tr>
<td>1988</td>
<td>CCGS Henry A. Larsen (icebreaker)</td>
<td>Canada</td>
<td>Stephen A. Gomes</td>
<td>East 5</td>
</tr>
<tr>
<td>1988</td>
<td>CCGS Martha L. Black (icebreaker)</td>
<td>Canada</td>
<td>Robert J. Mellis¹</td>
<td>East 5</td>
</tr>
<tr>
<td>1988</td>
<td>USCGC Polar Star¹ (icebreaker)</td>
<td>United States</td>
<td>Paul A. Taylor</td>
<td>East 3</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Accompanied by CCGS Sir John Franklin to Demarcation Point.</td>
</tr>
<tr>
<td>1988</td>
<td>Society Explorer² (ice strengthened ship)</td>
<td>Bahamas</td>
<td>Heinz Aye²</td>
<td>East 5</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Carried passengers³, traversed Pond Inlet [formerly Lindblad Explorer¹].</td>
</tr>
<tr>
<td>1986-89</td>
<td>Mabel E. Holland (12·8 m lifeboat)</td>
<td>Britain</td>
<td>David Scott Cowper¹</td>
<td>West 6</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Single-handed voyage², vessel wintered at Fort Ross twice, and at Inuvik.</td>
</tr>
<tr>
<td>1988-89</td>
<td>Northanger (15 m ketch)</td>
<td>Britain</td>
<td>Richard Thomas¹</td>
<td>West 4</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Wintered in Inuvik.</td>
</tr>
<tr>
<td>1989</td>
<td>USCGC Polar Star² (icebreaker)</td>
<td>United States</td>
<td>Robert Hammond</td>
<td>West 3</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Accompanied by CCGS Sir John Franklin to Demarcation Point.</td>
</tr>
<tr>
<td>1983-90</td>
<td>Ikaluk¹ (icebreaker)</td>
<td>Canada</td>
<td>R. Cormier¹</td>
<td>East 3</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Reached Beaufort Sea in 1983, where worked to 1990 when completed transit</td>
</tr>
</tbody>
</table>


**1990**

<table>
<thead>
<tr>
<th>Year</th>
<th>Ship</th>
<th>Country</th>
<th>Captain</th>
<th>Season</th>
</tr>
</thead>
<tbody>
<tr>
<td>1990</td>
<td>CCGC Terry Fox (icebreaker)</td>
<td>Canada</td>
<td>Peter Kimmerley</td>
<td>East 3</td>
</tr>
<tr>
<td>1990</td>
<td>USCGC Polar Sea (icebreaker)</td>
<td>United States</td>
<td>Joseph J. McCleland</td>
<td>West 3</td>
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</table>

Accompanied by CCGS Pierre Radisson to Demarcation Point

**1992**

<table>
<thead>
<tr>
<th>Year</th>
<th>Ship</th>
<th>Country</th>
<th>Captain</th>
<th>Season</th>
</tr>
</thead>
<tbody>
<tr>
<td>1992</td>
<td>Frontier Spirit (ice strengthened ship)</td>
<td>Bahamas</td>
<td>Heinz Aye</td>
<td>West 3</td>
</tr>
<tr>
<td>1992</td>
<td>Irbis (tug)</td>
<td>Russia</td>
<td>Piotr Golikov</td>
<td>East 3</td>
</tr>
<tr>
<td>1992</td>
<td>Kapitan Khlebnikov (icebreaker)</td>
<td>Russia</td>
<td>Piotr Golikov</td>
<td>East 3</td>
</tr>
</tbody>
</table>

Carried passengers, traversed Pond Inlet

**1993**

<table>
<thead>
<tr>
<th>Year</th>
<th>Ship</th>
<th>Country</th>
<th>Captain</th>
<th>Season</th>
</tr>
</thead>
<tbody>
<tr>
<td>1993</td>
<td>Dagmar Aaen (27 m yacht)</td>
<td>Germany</td>
<td>Arved Fuchs</td>
<td>West 5</td>
</tr>
<tr>
<td>1993</td>
<td>Frontier Spirit (ice strengthened ship)</td>
<td>Bahamas</td>
<td>Heinz Aye</td>
<td>West 3</td>
</tr>
<tr>
<td>1993</td>
<td>Kapitan Khlebnikov (icebreaker)</td>
<td>Russia</td>
<td>Piotr Golikov</td>
<td>East 3</td>
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</tbody>
</table>

Carried passengers

**1994**

<table>
<thead>
<tr>
<th>Year</th>
<th>Ship</th>
<th>Country</th>
<th>Captain</th>
<th>Season</th>
</tr>
</thead>
<tbody>
<tr>
<td>1994</td>
<td>Hanseatic (ice strengthened ship)</td>
<td>Bahamas</td>
<td>Hartwig van Harling</td>
<td>West 3</td>
</tr>
<tr>
<td>1994</td>
<td>Itasca (converted tug)</td>
<td>Britain</td>
<td>Allan Jouning</td>
<td>East 4</td>
</tr>
<tr>
<td>1994</td>
<td>Kapitan Khlebnikov (icebreaker)</td>
<td>Russia</td>
<td>Piotr Golikov</td>
<td>East 3</td>
</tr>
<tr>
<td>1994</td>
<td>Kapitan Khlebnikov (icebreaker)</td>
<td>Russia</td>
<td>Piotr Golikov</td>
<td>West 2</td>
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Return voyage in one season, carried passengers

**1995**

<table>
<thead>
<tr>
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<th>Ship</th>
<th>Country</th>
<th>Captain</th>
<th>Season</th>
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<tbody>
<tr>
<td>1995</td>
<td>CCGS Arctic Ivik (icebreaker)</td>
<td>Canada</td>
<td>Norman Thomas</td>
<td>East 5</td>
</tr>
<tr>
<td>1995</td>
<td>CCGS Arctic Ivik (icebreaker)</td>
<td>Canada</td>
<td>Robert J. Mellis</td>
<td>East 5</td>
</tr>
<tr>
<td>1995</td>
<td>Dove III (8–5 m yacht)</td>
<td>Canada</td>
<td>Winston Bushnell</td>
<td>East 3</td>
</tr>
<tr>
<td>1995</td>
<td>Hrvatska Cigra (19.8 m yacht)</td>
<td>Croatia</td>
<td>Miladn Sutej</td>
<td>West 5</td>
</tr>
<tr>
<td>1995</td>
<td>Kapitan Khlebnikov (icebreaker)</td>
<td>Russia</td>
<td>Viktor Vasiliev</td>
<td>East 5</td>
</tr>
</tbody>
</table>

Carried passengers

**1996**

<table>
<thead>
<tr>
<th>Year</th>
<th>Ship</th>
<th>Country</th>
<th>Captain</th>
<th>Season</th>
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</thead>
<tbody>
<tr>
<td>1996</td>
<td>Arctic Circle (tug)</td>
<td>Canada</td>
<td>Jack McCormack</td>
<td>East 3</td>
</tr>
<tr>
<td>1996</td>
<td>Hanseatic (ice strengthened ship)</td>
<td>Bahamas</td>
<td>Hartwig van Harling</td>
<td>West 3</td>
</tr>
<tr>
<td>1996</td>
<td>Kapitan Dranitsyn (icebreaker)</td>
<td>Russia</td>
<td>Oleg Agafonov</td>
<td>East 5</td>
</tr>
<tr>
<td>1996</td>
<td>CCGS Sir Wilfrid Laurier (icebreaker)</td>
<td>Canada</td>
<td>Norman Thomas</td>
<td>East 5</td>
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Carried passengers, to and from Kap York

**1997**

<table>
<thead>
<tr>
<th>Year</th>
<th>Ship</th>
<th>Country</th>
<th>Captain</th>
<th>Season</th>
</tr>
</thead>
<tbody>
<tr>
<td>1997</td>
<td>Hanseatic (ice-strengthened ship)</td>
<td>Bahamas</td>
<td>Heinz Aye</td>
<td>West 3</td>
</tr>
<tr>
<td>1997</td>
<td>Kapitan Khlebnikov (icebreaker)</td>
<td>Russia</td>
<td>Viktor Vasiliev</td>
<td>East 3</td>
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</table>

Carried passengers, escorted to Victoria Strait by CCGS Henry A. Larsen, traversed Pond Inlet

**1998**

<table>
<thead>
<tr>
<th>Year</th>
<th>Ship</th>
<th>Country</th>
<th>Captain</th>
<th>Season</th>
</tr>
</thead>
<tbody>
<tr>
<td>1998</td>
<td>Hanseatic (ice-strengthened ship)</td>
<td>Bahamas</td>
<td>Heinz Aye</td>
<td>East 3</td>
</tr>
<tr>
<td>1998</td>
<td>Kapitan Khlebnikov (icebreaker)</td>
<td>Russia</td>
<td>Piotr Golikov</td>
<td>East 3</td>
</tr>
</tbody>
</table>

Carried passengers, escorted to Victoria Strait by CCGS Sir John Franklin, traversed Pond Inlet

**1999**

<table>
<thead>
<tr>
<th>Year</th>
<th>Ship</th>
<th>Country</th>
<th>Captain</th>
<th>Season</th>
</tr>
</thead>
<tbody>
<tr>
<td>1999</td>
<td>Admiral Makarov (icebreaker)</td>
<td>Russia</td>
<td>Vadim Kholodenko</td>
<td>East 3</td>
</tr>
<tr>
<td>1999</td>
<td>Irbis (tug)</td>
<td>Russia</td>
<td>Aleksandr Aleksenko</td>
<td>East 3</td>
</tr>
<tr>
<td>1999</td>
<td>Kapitan Dranitsyn (icebreaker)</td>
<td>Russia</td>
<td>Viktor Terekhov</td>
<td>West 3</td>
</tr>
</tbody>
</table>

Travelled in convoy each towing a component of a steel floating dock, Korea to Caribbean

Carried passengers, circumnavigated the Arctic
Ocean Search (12·5 m yacht)  France\(^2\)  Olivier Pitras\(^1\)  East 6  Traversed Pond Inlet

**2000**

72  *Evohe* (25 m yacht)  New Zealand\(^1\)  Stephen Kafka  East 6
73  *Hanseatic\(^3\)* (ice-strengthened ship)  Bahamas\(^8\)  Thilo Natke\(^1\)  West 3  Carried passengers\(^9\), traversed Pond Inlet
74  **USCGC Healy\(^4\)** (icebreaker)  United States\(^12\)  Jeffrey M. Garrett  West 3
75  *Kapitan Dranitsyn\(^5\)* (icebreaker)  Russia\(^12\)  Viktor Terekhov\(^2\)  West 3  Carried passengers\(^20\), circumnavigated the Arctic\(^2\)
76  *Nadon* (17·7 m RCMP catamaran)  Canada\(^31\)  Kenneth Burton  East 6  Voyage to commemorate *St Roch* 1940-42 transit
77  *Simon Fraser* (icebreaker)  Canada\(^32\)  Robert J. Mellis\(^3\)  East 6  Escorted *Nadon*

**2001**

78  *Kapitan Khlebnikov\(^6\)* (icebreaker)  Russia\(^13\)  Viktor Vasiliev\(^3\)  East 3
79  *Kapitan Khlebnikov\(^9\)* (icebreaker)  Russia\(^14\)  Viktor Vasiliev\(^4\)  West 1  Return voyage in one season\(^4\), carried passengers\(^21\) & \(^22\)
80  *Northabout* (14·9 m yacht)  Ireland (Dublin)  Jarlath Cunnane  West 4  Circumnavigated the Arctic\(^3\)
81  *Turmoil\(^6\)* (46 m motor yacht)  Cayman Islands\(^1\)  Philip Walsh  West 4  Traversed Pond Inlet

**2001-02**

82  *Nuage* (12·8 m yacht)  France\(^3\)  Michèle Demai  East 5  Wintered in Cambridge Bay

**2002**

83  *Apostol Andrey* (16·2 m yacht)  Russia\(^15\)  Nikolay A. Litau  East 5  Assisted by CCGS *Louis S. St Laurent* through Prince Regent Inlet, circumnavigated the Arctic\(^4\)
84  *Arctic Kalvik* (icebreaker tug)  Barbados  Sanjeev Kumar  East 3
85  *Hanseatic\(^6\)* (ice-strengthened ship)  Bahamas\(^9\)  Thilo Natke\(^2\)  West 3  Carried passengers\(^23\), traversed Pond Inlet
86  *Kapitan Khlebnikov\(^10\)* (icebreaker)  Russia\(^16\)  Piotr Golikov\(^6\)  East 3  Carried passengers\(^24\)
87  *Sedna IV* (51 m yacht)  Canada\(^33\)  Stéphan Guy  West 5

**2000-03**

88  *Olga* (6 m motor boat)  Denmark\(^1\)  Anders Bilgram  West 6  Wintered in Pond Inlet, then twice in Point Hope, continued to circumnavigate the Arctic\(^5\), smallest vessel to transit

**2003**

89  *Bremen\(^1\)* (ice-strengthened ship)  Bahamas\(^10\)  Daniel Felchner  West 3  Carried passengers\(^25\), traversed Pond Inlet [formerly *Frontier Spirit*]
90  **USCGC Healy\(^2\)** (icebreaker)  United States\(^13\)  Daniel Oliver  West 3
91  *Kapitan Khlebnikov\(^11\)* (icebreaker)  Russia\(^17\)  Viktor Vasiliev\(^3\)  East 5  Carried passengers\(^26\)
92  *Norwegian Blue* (12·9 m yacht)  Britain\(^4\)  Andrew Wood  East 5  Traversed Pond Inlet
93  *Vagabond\(^6\)* (15-3 m yacht)  France\(^4\)  Eric Brossier  East 5  Traversed Pond Inlet, circumnavigated the Arctic\(^5\) [formerly *Vagabond’eux*]

**2003-04**

94  *Dagmar Aaen\(^2\)* (27 m yacht)  Germany\(^2\)  Arved Fuchs\(^5\)  East 5  Wintered in Cambridge Bay, assisted by CCGS *Louis S. St Laurent*, traversed Pond Inlet; circumnavigated the Arctic\(^6\)
95  *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**

96  *Kapitan Khlebnikov\(^12\)* (icebreaker)  Russia\(^18\)  Pavel Ankudinov\(^1\)  East 5  Carried passengers\(^27\)
2004-05

97  *Fine Tolerance* (13.7 m yacht)  
    *Australia*³  
    Philip Hogg  
    East 6  
    Wintered in Cambridge Bay, assisted by CCGS *Sir Wilfrid Laurier* and CCGS *Louis S. St Laurent* through Bellot Strait

2005

98  *Idlewild* (17.3 m motorboat)  
    *Canada*³⁴  
    Benjamin Grey  
    East 6  
    Assisted by CCGS *Sir Wilfrid Laurier* and CCGS *Louis S. St Laurent* through Bellot Strait

99  *Kapitan Khlebnikov*¹³ (icebreaker)  
    *Russia*²⁹  
    Viktor Vasiliev⁶  
    East 3  
    Return voyage in one season⁵, carried passengers²⁸ eastbound

100 *Kapitan Khlebnikov*¹⁴ (icebreaker)  
    *Russia*²⁰  
    Viktor Vasiliev⁵  
    West 3  
    Carried passengers³⁰

101 *Oden* (icebreaker)  
    *Sweden*²  
    Anders Wikström  
    West 3  

2003-06

102 *Minke I* (12.8 m yacht)  
    *Canada*³⁵  
    Peter Brock  
    East 6  
    Wintered in Tuktoyaktuk and in Cambridge Bay twice

2006

103 *Bremen*¹ (ice-strengthened ship)  
    *Bahamas*¹¹  
    Marc Behrend¹  
    West 4  
    Carried passengers²⁹, traversed Pond Inlet

104 *Kapitan Khlebnikov*¹⁵ (icebreaker)  
    *Russia*²¹  
    Pavel Ankudinov²  
    East 7  
    Carried passengers³⁰

105 *Nekton* (13.6 m yacht)  
    *Poland*¹  
    Tadeusz Natanek  
    West 6  

106 *Stary* (13.5 m yacht)  
    *Poland*²  
    Dominik Bac, Jacek Wachlawik, and Slawek Skalmierski  
    West 6  
    Travelled in company, traversed Pond Inlet (changed skippers at Cambridge Bay and Tuktoyaktuk)

2007

107 *Babouche* (7.5 m catamaran)  
    *France*⁵  
    Sébastien Roubinet  
    East 5  

108 *Cloud Nine* (17.3 m ketch)  
    *United States*¹⁴  
    Roger Swanson  
    West 4  

109 *Hanseatic*² (ice strengthened ship)  
    *Bahamas*¹²  
    Ulf Wolter¹  
    West 5  
    Carried passengers³¹

110 *Kapitan Khlebnikov*¹⁶ (icebreaker)  
    *Russia*²²  
    Viktor Vasiliev⁸  
    East 5  
    Carried passengers³²

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

2005-08

112 *Arctic Wanderer* (11.9 m yacht)  
    *United States*¹⁵  
    Gary E. Ramos  
    East 6  
    Single-handed voyage¹, wintered in Cambridge Bay thrice

2008

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

114 *Baloum Gwen*¹ (14.9 m yacht)  
    *Belgium*¹  
    Thierry Fabing¹  
    West 4  

115 *Berrimilla* (10 m yacht)  
    *Australia*²  
    Alexander Whitworth  
    East 4  

116 *Bremen*² (ice-strengthened ship)  
    *Bahamas*¹³  
    Ulf Wolter²  
    West 5  
    Carried passengers³³

117 *Peter Faber* (cable layer)  
    *France*⁶  
    Robert Hansen  
    East 3  
    Repositioning voyage

118 *Geraldine* (14 m yacht)  
    *United States*¹⁶  
    Walter Jones  
    West 3  

119 *Southern Star* (23-7 m yacht)  
    *France*⁷  
    Olivier Piras²  
    West 4  

120 *Tyhina* (10-4 m yacht)  
    *New Zealand*²  
    Peter Elliott  
    West 4  

2009

121 *Apoise* (67 m motor vessel)  
    *Canada*³⁶  
    David Ritchie  
    West 4  

122 *Bagan* (17-4 m motorboat)  
    *United States*¹⁷  
    Clinton Bolton  
    West 4  

123 *Bremen*² (ice-strengthened ship)  
    *Belgium*¹⁴  
    Marc Behrend²  
    West 4  
    Carried passengers³⁴, traversed Pond Inlet

124 *Baloum Gwen*² (14-9 m yacht)  
    *Belgium*²  
    Thierry Fabing²  
    East 6  
    Return voyage

125 *Fleur Australie* (20 m yacht)  
    *France*⁸  
    Philippe Poupon  
    West 4  

126 *Fiona* (12.8 m yacht)  
    *United States*¹⁸  
    Eric Forsyth  
    West 4  

127 *Glory of the Sea* (15.3 m yacht)  
    *France*⁹  
    Charles Hedrich  
    West 4  

128 *Hanseatic*² (ice-strengthened ship)  
    *Bahamas*¹⁵  
    Thilo Natke¹  
    East 4  
    Carried passengers³⁵, voyage included a return transit of Bellot Strait from Peel Sound
<table>
<thead>
<tr>
<th>No.</th>
<th>Name</th>
<th>Year(s)</th>
<th>Origin</th>
<th>Skipper</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>129</td>
<td><em>Ocean Watch</em> (19.2 m yacht)</td>
<td>2010</td>
<td>United States</td>
<td>Mark Schrader</td>
<td>East 6</td>
</tr>
<tr>
<td>130</td>
<td><em>Perithia</em> (14.6 m yacht)</td>
<td>2011</td>
<td>Germany</td>
<td>Uwe Petraschek</td>
<td>West 4</td>
</tr>
<tr>
<td>131</td>
<td><em>Polar Bound</em> (14-6 m motorboat)</td>
<td>2011</td>
<td>Britain</td>
<td>David Scott Cowper</td>
<td>West 5</td>
</tr>
<tr>
<td>132</td>
<td><em>Precipice</em> (9.1 m yacht)</td>
<td>2011</td>
<td>United States</td>
<td>Rolland Trowbridge</td>
<td>West 6</td>
</tr>
<tr>
<td>133</td>
<td><em>Silent Sound</em> (12.2 m yacht)</td>
<td>2011</td>
<td>Canada</td>
<td>Cameron Dueck</td>
<td>East 6, Traversed Pond Inlet</td>
</tr>
</tbody>
</table>

**2010**

<table>
<thead>
<tr>
<th>No.</th>
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<th>Year(s)</th>
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<th>Skipper</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>134</td>
<td><em>Ariel IV</em> (152 m sloop)</td>
<td>2010</td>
<td>Sweden</td>
<td>Eric Boye</td>
<td>West 4</td>
</tr>
<tr>
<td>135</td>
<td><em>Astral Express</em> (12-5 m yacht)</td>
<td>2010</td>
<td>New Zealand</td>
<td>Graeme Kendall</td>
<td>West 3, Single-handed voyage</td>
</tr>
<tr>
<td>136</td>
<td><em>Dione Sky</em> (46 m motor yacht)</td>
<td>2010</td>
<td>Cayman Islands</td>
<td>Brian Harrison</td>
<td>West 2, [formerly <em>Turmoil</em>]</td>
</tr>
<tr>
<td>137</td>
<td><em>Hanse Explorer</em> (ice-strengthened ship)</td>
<td>2010</td>
<td>Antigua and Barbuda</td>
<td>Bernd Buchner</td>
<td>West 3, Carried passengers, Traversed Pond Inlet</td>
</tr>
<tr>
<td>138</td>
<td><em>Hanseatic</em> (ice-strengthened ship)</td>
<td>2010</td>
<td>Bahamas</td>
<td>Thilo Natke</td>
<td>West 4, Carried passengers, Traversed Pond Inlet</td>
</tr>
<tr>
<td>139</td>
<td><em>Capitan Khlebnikov</em> (icebreaker)</td>
<td>2010</td>
<td>Russia</td>
<td>Anatoliy Kovalenko</td>
<td>East 5, Carried passengers</td>
</tr>
<tr>
<td>140</td>
<td><em>Octopus</em> (128 m motor yacht)</td>
<td>2010</td>
<td>Cayman Islands</td>
<td>Glenn Dalby</td>
<td>West 2, Traversed Pond Inlet</td>
</tr>
<tr>
<td>141</td>
<td><em>Rx II</em> (11 m yacht)</td>
<td>2010</td>
<td>Norway</td>
<td>Trond Aasvoll</td>
<td>East 4, Circumnavigated the Arctic</td>
</tr>
<tr>
<td>142</td>
<td><em>Sarema</em> (15-2 m yacht)</td>
<td>2010</td>
<td>Finland</td>
<td>Pekka Kauppila</td>
<td>East 4, Traversed Pond Inlet</td>
</tr>
<tr>
<td>143</td>
<td><em>Solana</em> (14-5 m yacht)</td>
<td>2010</td>
<td>Poland</td>
<td>Bronislaw Radliński</td>
<td>West 4, Traversed Pond Inlet</td>
</tr>
<tr>
<td>144</td>
<td><em>T6</em> (48-5 m motor yacht)</td>
<td>2010</td>
<td>Cayman Islands</td>
<td>John Spencer</td>
<td>West 3, Traversed Pond Inlet</td>
</tr>
<tr>
<td>145</td>
<td><em>Young Larry</em> (13-4 m yawl)</td>
<td>2010</td>
<td>Britain</td>
<td>Andrew Wilkes</td>
<td>West 4, Traversed Pond Inlet</td>
</tr>
</tbody>
</table>

**2010-11**

<table>
<thead>
<tr>
<th>No.</th>
<th>Name</th>
<th>Year(s)</th>
<th>Origin</th>
<th>Skipper</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>146</td>
<td><em>Anna</em> (10-5 m yawl)</td>
<td>2011</td>
<td>Sweden</td>
<td>Börje Ivarsson</td>
<td>West 4, Wintered in Inuvik</td>
</tr>
<tr>
<td>147</td>
<td><em>Primula</em> (tanker)</td>
<td>2011</td>
<td>Norway</td>
<td>Bo R. Arenberg and Lars Jansson</td>
<td>East 3, Wintered in Roberts Bay as a fuel storage for Hope Bay gold mine; Arenberg commanded in 2010, Jansson in 2011</td>
</tr>
</tbody>
</table>

**2011**

<table>
<thead>
<tr>
<th>No.</th>
<th>Name</th>
<th>Year(s)</th>
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</tr>
</thead>
<tbody>
<tr>
<td>148</td>
<td><em>Arcadia</em> (35-8 m motor yacht)</td>
<td>2011</td>
<td>Cayman Islands</td>
<td>James Pizzaruso</td>
<td>West 5, Traversed Pond Inlet</td>
</tr>
<tr>
<td>149</td>
<td><em>Asteria</em> (converted tug)</td>
<td>2011</td>
<td>Marshall Islands</td>
<td>Donald Feil</td>
<td>West 3, Composite course: McClure Strait, Prince of Wales Strait, and then route 4; carried passengers</td>
</tr>
<tr>
<td>150</td>
<td><em>Bremen</em> (ice-strengthened ship)</td>
<td>2011</td>
<td>Bahamas</td>
<td>Marc Behrend</td>
<td>East 4, cp</td>
</tr>
</tbody>
</table>

Composite course: McClure Strait, Prince of Wales Strait, and then route 4; carried passengers

<table>
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<tr>
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</thead>
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<tr>
<td>151</td>
<td><em>Chahade</em> (13-3 m yacht)</td>
<td>2011</td>
<td>Switzerland</td>
<td>Marc Decrey</td>
<td>West 4, Traversed Pond Inlet</td>
</tr>
<tr>
<td>152</td>
<td><em>Inyuvu</em> (15-9 m ketch)</td>
<td>2011</td>
<td>South Africa</td>
<td>Ralf Dominick</td>
<td>West 3, Traversed Pond Inlet</td>
</tr>
<tr>
<td>153</td>
<td><em>Issuma</em> (15 m schooner)</td>
<td>2011</td>
<td>Canada</td>
<td>Richard Hudson</td>
<td>West 5, Retrieved from King William's Sound</td>
</tr>
<tr>
<td>154</td>
<td><em>Kotuku</em> (12-2 m yacht)</td>
<td>2011</td>
<td>New Zealand</td>
<td>Ian Douglass</td>
<td>East 6, Traversed Pond Inlet</td>
</tr>
<tr>
<td>155</td>
<td><em>Leava</em> (12-5 m sloop)</td>
<td>2011</td>
<td>France</td>
<td>Alain Bataedat</td>
<td>East 6, Traversed Pond Inlet</td>
</tr>
<tr>
<td>156</td>
<td><em>Mukul</em> (14-3 m sloop)</td>
<td>2011</td>
<td>Austria</td>
<td>Karl Mayer</td>
<td>West 4, Traversed Pond Inlet</td>
</tr>
<tr>
<td>157</td>
<td><em>Pangaeas</em> (35 m yacht)</td>
<td>2011</td>
<td>United States</td>
<td>Michael Horn</td>
<td>East 4, Single-handed voyage</td>
</tr>
<tr>
<td>158</td>
<td><em>Polar Bound</em> (14-6 m motorboat)</td>
<td>2011</td>
<td>Britain</td>
<td>David Scott Cowper</td>
<td>East 3, Single-handed voyage</td>
</tr>
<tr>
<td>159</td>
<td><em>Rus</em> (7-6 m trimaran)</td>
<td>2011</td>
<td>Russia</td>
<td>Oleg Volyynkin</td>
<td>West 5, Single-handed voyage</td>
</tr>
<tr>
<td>160</td>
<td><em>St Brendan</em> (8-2 m yacht)</td>
<td>2011</td>
<td>United States</td>
<td>Matthew Rutherford</td>
<td>West 4, Single-handed voyage</td>
</tr>
<tr>
<td>161</td>
<td><em>Santa Maria Australis</em> (20-1 m ketch)</td>
<td>2011</td>
<td>Germany</td>
<td>Wolf Kloss</td>
<td>West 4, Traversed Pond Inlet</td>
</tr>
</tbody>
</table>

**2011-12**

<table>
<thead>
<tr>
<th>No.</th>
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<th>Year(s)</th>
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<tr>
<td>162</td>
<td><em>Roxane</em> (10-7 m sloop)</td>
<td>2012</td>
<td>France</td>
<td>Luc Dupont</td>
<td>West 4, Both wintered in Cambridge Bay</td>
</tr>
<tr>
<td>163</td>
<td><em>Teleport</em> (8-9 m junk rigged yacht)</td>
<td>2012</td>
<td>Australia</td>
<td>Christopher Bray</td>
<td>West 5, Both wintered in Cambridge Bay</td>
</tr>
</tbody>
</table>

**2012**

<table>
<thead>
<tr>
<th>No.</th>
<th>Name</th>
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<tr>
<td>164</td>
<td><em>Belzebub II</em> (9-4 m yacht)</td>
<td>2012</td>
<td>Sweden</td>
<td>Edvin Buregren</td>
<td>West 1, Also visited Grise Fiord</td>
</tr>
<tr>
<td>165</td>
<td><em>Beothuk</em> (31-1 m motor vessel)</td>
<td>2012</td>
<td>Cayman Islands</td>
<td>Liam Devlin</td>
<td>West 6, Both wintered in Cambridge Bay</td>
</tr>
</tbody>
</table>
166 Best Explorer (15·6 m yacht)  Italy1 Giovanni Acquarone West 4
167 Billy Budd (34·3 m yacht)  Britain10 Clive Shute West cp
Composite course: Bellot Strait, Winter Harbour, Prince of Wales Strait
168 Coriolis 14 (25 m yacht)  France12 Richard Mergeaux West 2
169 Dodo’s Delight1 (10·1 m yacht)  Britain11 Robert Shepton West 3
Made a return transit of Bellot Strait
170 Fortrus (50 m motor yacht)  Britain12 Scott Newson West 6
171 Gotland Carolina (tanker)  Bahamas18 J. Justin West 2
Carried 50 400 m³ hydrocarbon cargo; partly discharged at ports during the transit
172 Hanseatic10 (ice-strengthened ship)  Bahamas19 Thilo Natke East 5
Carried passengers40, circumnavigated Cornwallis Island
173 Jonathan III (14·9 m yacht)  Netherlands2 Mark van de Weg West 4
Made a return transit of Bellot Strait, traversed Pond Inlet
174 Katharsis II (21·9 m yacht)  Britain13 Mariusz Koper West 3
Made a return transit of Bellot Strait
175 Marguerite (15·8 m sloop)  France13 Janusz Kurbiel East 4
176 Nordwind (26·8 m yacht)  Britain14 Hans Albrecht West 3
Made a return transit of Bellot Strait
177 Octopus2 (128 m motor yacht)  Cayman Islands7 Glenn Dalby West 2
178 Philos1 (15·2 m schooner)  Australia4 Roger Wallis West 4
179 Polar Bound4 (14·6 m motorboat)  Britain15 David Scott Cowper West 1
180 Sol (12·8 m yacht)  Denmark2 Kim Bork Mathiesen East 5
181 The World4 (condominium vessel)  Bahamas20 Dag Harald Sævik East 5
Carried resident passengers41; traversed Pond Inlet
182 Tokimata (13·1 m yacht)  New Zealand8 Peter Garden East 5
Traversed Pond Inlet
183 Upchuk (15·8 m sloop)  Britain16 Frank Rothwell East 4

2012-13
184 Balthazar (10·5 m yacht)  Canada59 Guy Lavoie West 6
185 Tranquilo1 (17·6 m cutter)  Netherlands3 Bart Veldink East 5
Wintered at Inuvik
Wintered off Pim Island

2013
186 Anna2 (10·5 m yawl)  Sweden6 Pelle Ivarsson East 6
187 Arktika (15 m sloop)  Finland2 Gilles Elkan East 5
188 Bremen4 (ice-strengthened ship)  Bahamas21 Roman Obrist East 3
Carried passengers42; assisted by CGCS Henry Larsen
189 d’Acalèphe (13·9 m yacht)  Canada40 Jean-Gilles Lemieux West 5
190 Dodo’s Delight1 (10·1 m yacht)  Britain17 Robert Shepton East 5
191 Hanseatic2 (ice-strengthened ship)  Antigua and Barbuda2 Jens Köthen West 5
Carried passengers43
192 Hanseatic1 (ice-strengthened ship)  Bahamas22 Mark Behrend West 5
Carried passengers44, traversed Pond Inlet
193 Isatis (14·2 m yacht)  Nouvelle Calédonie Jean-Pierre Levie West 5
194 La Belle Epoque (12·8 m yacht)  Austria2 Jürgen Kirchberger West 5
195 Lady M II (50 m motor yacht)  Marshall Islands2 Jim Bulman West 5
Carried passengers45; assisted by CGCS Henry Larsen, traversed Pond Inlet
196 Le Soléal1 (cruise vessel)  France14 Étienne Garcia West 6
Carried passengers46
197 Libellule (14·3 m catamaran)  Switzerland2 Philip Cottier West 5
Traversed Pond Inlet, assisted by CGCS Henry Larsen
198 Michaela Rose (49·4 m motor yacht)  Britain18 Tom Noorman East 5
Assisted by CGCS Henry Larsen
199 Nordic Orion (ice-strengthened bulk cargo vessel)  Panama Sergey Danilov East 3
Conveyed 73 000 tonne of coal Vancouver to Finland; circumnavigated the Arctic8; largest ship to transit; escorted by CGCS Louis S. St Laurent in Peel Sound
200 Octopus3 (128 m motor yacht)  Cayman Islands8 Jannek Olsson East 5
201 Perd pas le Nord (15·2 m yacht)  Belgium3 Nicolas Mouchart West 6
Traversed Pond Inlet
202 Polar Bound2 (14·6 m motorboat)  Britain19 David Scott Cowper East 5
Traversed Pond Inlet
203 Polar Prince1 (icebreaker)  Canada41 Paul Beesley East 5
Traversed Pond Inlet, escorted by CGCS Henry Larsen through Bellot Strait
204 *Traversay III* (13·7 m yacht) | Canada\(^{42}\) | Laurence Roberts | West 5

Assisted by CGCS *Henry Larsen*

### 2013-14

205 *Empiricus* (15·2 m yawl) | United States\(^{23}\) | Jesse Osborn | East 6

Wintered in Cambridge Bay, traversed Pond Inlet

206 *Gitana* (13·4 m schooner) | United States\(^{24}\) | Michael Johnson | West 6

Wintered in Cambridge Bay

207 *Le Manguier* (21·1 m motor vessel) | France\(^{15}\) | Philippe Hercher | East 6

Wintered in Paulatuk

### 2014

208 *Altan Girl* (13·4 m motor vessel) | Canada\(^{43}\) | Erkan Gursoy | East 6

Single handed voyage\(^8\), rescued by USCG *Healy* off Point Barrow, assisted by tug *Tandberg Polar* through Bellot Strait

209 *Arctic Tern UK* (13·1 m sloop) | Britain\(^{20}\) | Alison Parsons | West 6

210 *Drina* (15·2 m yacht) | Australia\(^{5}\) | Michael Thurston | West 6

211 *Lady Dana 44* (14·3 m sloop) | Poland\(^{4}\) | Ryszard Wojnowski | East 6

Circumnavigated the Arctic\(^9\)

212 *Latitude\(^1\)* (44·5 m motor yacht) | Cayman Islands\(^{9}\) | Sean Meagher\(^1\) | West 6

Carried passengers\(^47\), assisted by CGGC *Pierre Radisson* in Bellot Strait

213 *L’Austral\(^1\)* (cruise vessel) | France\(^{16}\) | Patrick Marchesseau\(^1\) | West 4

214 *Novara* (18·3 m sloop) | Britain\(^{21}\) | Stephen Brown | West 6

215 *Nunavik* (ice-strengthened bulk cargo vessel) | Marshall Islands\(^{3}\) | Randy Rose | West 2

Conveyed 23 000 tonnes of nickel concentrate to China

216 *Silver Explorer* (cruise vessel) | Bahamas\(^{23}\) | Alexander Golubev | West 5

Carried passengers\(^{48}\), assisted by CGGC *Pierre Radisson* in Victoria Strait

217 *Triton* (50 m motor vessel) | Marshall Islands\(^{4}\) | Paul Jones | East 6

### 2014-15

218 *Gjoa\(^1\)* (13·1 m sloop) | Canada\(^{44}\) | Glenn Bainbridge | West 6

Assisted by Akademik Sergei Vavilov in Bellot Strait; wintered at Cambridge Bay

219 *Philos\(^2\)* (15·2 m schooner) | Australia\(^{6}\) | Roger Wallis\(^2\) | East 6

Wintered Cambridge Bay

### 2015

220 *Aventura* (14 m sloop) | Britain\(^{22}\) | James (Jimmy) Cornell, | East 6

221 *Bagheera* (16 m cutter) | Netherlands\(^4\) | Erik de Jong | West 3

222 *Drifter Way* (14·9 m ketch) | Canada\(^{45}\) | Robert Graf | West 3

223 *Equanimity* (92 m yacht) | Cayman Islands\(^{10}\) | Glenn Dalby\(^1\) and Simon Jones | West 3

Captains changed at Cambridge Bay

224 *Fennica* (multipurpose icebreaker) | Finland\(^{1}\) | Tommy Berg | East 3

Repositioning voyage; travelled in company with *Nordica*

225 *Hawk* (12·8 m sloop) | United States\(^{25}\) | Joe Wolff | West 4

Made a return transit of Bellot Strait

226 *La Chimère* (10 m sloop) | France\(^{17}\) | Emanuel Wattecamps-Etienne | West 4

Single-handed voyage\(^9\), vessel abandoned during a storm in Gulf of Alaska, skipper rescued by *Tor Viking II*

227 *Latitude\(^2\)* (44·5 m motor yacht) | Cayman Islands\(^{11}\) | Sean Meagher\(^2\) | East 5

228 *Le Boreal\(^1\)* (cruise vessel) | France\(^{18}\) | Etienne Garcia\(^2\) | West 6

Carried passengers\(^{49}\)

229 *Le Soleil\(^2\)* (cruise vessel) | France\(^{19}\) | Patrick Marchesseau\(^2\) | West 6

Carried passengers\(^{50}\)

230 *Necton* (14 m ketch) | Netherlands\(^5\) | Aldert Hesseling | East 6

231 *Nordica\(^1\)* (multipurpose icebreaker) | Finland\(^4\) | Matti Westerlund | East 3

Repositioning voyage; travelled in company with *Fennica*

232 *Salty* (19·8 m cutter) | United States\(^{26}\) | Carl Zaniboni | West 3

233 *Selma* (20·4 m ketch) | Poland\(^{5}\) | Piotr Kuzniar | West 6

234 *Snow Dragon II* (14·9 m yacht) | United States\(^{27}\) | Frances Brann | West 3

235 *Tiana* (12 m yacht) | France\(^{20}\) | Jean Michel | West 4

### 2015-16

236 *Maia* (11 m yacht) | Hungary | Zoltán Balaton | West 4

Wintered in Tuktoyaktuk
2016

237 *Africabor* (ice-strengthened cargo ship) 
Netherlands\(^6\) Eric Rosner \(\text{East}\) 5 
Carried a cargo of carbon anodes, China to Quebec

238 *Agar II* (15·2 m sloop) 
Israel Motti Baer \(\text{East}\) 6

239 *Bonaventure* (10·7 m sloop) 
Switzerland\(^3\) David Giovannini \(\text{West}\) 4

240 *Breakpoint* (14 m sloop) 
Germany\(^9\) Thomas Witt \(\text{West}\) 6

241 *Caledonia* (20·1 m sloop) 
Germany\(^6\) Claudia Rehkla \(\text{East}\) 5

242 *Crystal Serenity*\(^\dagger\) (cruise vessel) 
Bahamas\(^{24}\) Birger J. Vorland \(\text{East}\) 5

Carried approximately 1750 passengers\(^{31}\) and crew, traversed Pond Inlet, escorted by RRS *Sir Ernest Shackleton* from Holman

243 *Eagles Quest II* (17·7 m sloop) 
Hong Kong Chu Kee Duen \(\text{East}\) 6

Assisted by CCGS *Sir Wilfred Laurier*

244 *Galileo G* (55·2 m motor yacht) 
Britain\(^{23}\) Tom Buddle \(\text{West}\) 4

245 *Happy Rover* (cargo ship) 
Netherlands\(^7\) Frank Versteegh \(\text{East}\) 7

246 *Hetaires* (67 m ketch) 
Cayman Islands\(^{12}\) Graham Newton \(\text{West}\) 6

Traversed Pond Inlet

247 *Kapitan Khlebnikov*,\(^{18}\) (icebreaker) 
Russia\(^{25}\) Vladimir Boldakov \(\text{West}\) 2

Carried passengers\(^{52}\), circumnavigated the Arctic\(^{10}\)

248 *L’Austral*\(^2\) (cruise vessel) 
France\(^{21}\) Patrick Marchesseau \(\text{West}\) 4

Carried passengers\(^{53}\)

249 *Maevan IV* (11·3 m sloop) 
France\(^{22}\) Erwan Le Lann \(\text{West}\) 6

250 *Manevat* (14·3 m sloop) 
France\(^{23}\) Eric Abadie \(\text{West}\) 4

251 *Pachamama* (15·2 m sloop) 
Switzerland\(^4\) Dario Schwörer \(\text{West}\) 7

252 *Polar Bound*\(^d\) (14·6 m motor boat) 
Britain\(^{24}\) David Scott Cowper \(\text{West}\) 7

253 *Ratafia* (10·2 m yacht) 
France\(^{24}\) Jean-Baptiste Cornet \(\text{West}\) 4

254 *Yvinec* (11·8 m yacht) 
France\(^{25}\) Guirec Soudée \(\text{West}\) 6

Single-handed voyage\(^{11}\), traversed Pond Inlet

2016-17

255 *Nomad* (12·8 m sloop) 
Austria\(^3\) Wolfgang Slanc \(\text{West}\) 6

Wintered in Inuvik

2017

256 *Abel Tasman* (22·9 m yacht) 
Cook Islands Roger Wallis\(^3\) \(\text{East}\) 6

257 *Alkahest* (12·8 m cutter) 
United States\(^{28}\) Jay Tremblay \(\text{West}\) 6

258 *Arcticaborg* (icebreaking tug) 
Curaçao Igor Umerenko \(\text{West}\) 3

259 *Atlanticborg* (ice-strengthened cargo ship) 
Netherlands\(^8\) Vladimir Manaev \(\text{East}\) 7

Carried a cargo of carbon anodes, China to Quebec

260 *Bremen*\(^9\) (ice-strengthened ship) 
Bahamas\(^{25}\) Roman Obrest \(\text{East}\) 7

Carried passengers\(^{44}\)

261 *Celebrate* (17·7 m yacht) 
United States\(^{29}\) Charles Simon \(\text{West}\) 6

262 *Crystal Serenity*\(^\dagger\) (cruise vessel) 
Bahamas\(^{26}\) Birger J. Vorland\(^2\) \(\text{East}\) 5

Carried approximately 1400 passengers\(^{44}\) and crew, traversed Pond Inlet, escorted by RRS *Sir Ernest Shackleton* from Holman

263 *Freydis* (16·9 m cutter) 
Germany\(^7\) Erich Wilts \(\text{East}\) 6

264 *Havelstern* (tanker) 
Canada\(^{46}\) Daniel Roberts \(\text{West}\) 3

265 *Irene* (15·2 m ketch) 
United States\(^{30}\) Peter Niemann \(\text{East}\) 6

266 *Kerguen* (11·3 m ketch) 
France\(^{26}\) Erwan Dupeis \(\text{West}\) 3

267 *Kygna* (12·8 m sloop) 
Greenland Jens Erik Kjeldsen \(\text{West}\) 4

268 *Lady Free* (12·4 m gaff cutter) 
Norway\(^4\) Jan Martin Nordbotten \(\text{East}\) 6

269 *Larissa* (13·7 m cutter) 
New Zealand\(^6\) Mark Donney \(\text{East}\) 6

270 *Le Boreal*\(^2\) (cruise vessel) 
France\(^{27}\) Erwin Le Rouzik \(\text{West}\) 6

Carried passengers\(^{55}\)

271 *Le Why* (20 m schooner) 
France\(^{28}\) Ghisian Bardout \(\text{West}\) 4

272 *Makoré 2* (13·6 m yacht) 
France\(^{29}\) Paul Bucail \(\text{West}\) 6

273 *USCGC Maple* (buoy tender) 
United States\(^{31}\) Patrick Armstrong \(\text{East}\) 3

Escorted by CCGS *Sir Wilfred Laurier* and CCGS *Terry Fox*

274 *Morning Haze* (16·9 m sloop) 
Germany\(^8\) Jochen Winter \(\text{West}\) 6

275 *Mukta*\(^2\) (14·3 sloop) 
Austria\(^4\) Karl Mayer\(^2\) \(\text{East}\) 6

276 *Nauta D* (16·5 m yacht) 
Germany\(^9\) Manfred Heinrichs \(\text{West}\) 6

277 *Nehaj* (11·9 m cutter) 
Germany\(^10\) Susanne Huber-Curphpy \(\text{East}\) 6

Single-handed voyage\(^{12}\)
### 2015–18

<table>
<thead>
<tr>
<th>Year</th>
<th>Vessel</th>
<th>Ownership</th>
<th>Country</th>
<th>Person</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>2015</td>
<td>Tecla</td>
<td>France</td>
<td>France</td>
<td>Enrico</td>
<td>Repositioning voyage</td>
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<tr>
<td>2016</td>
<td>Snow White</td>
<td>France</td>
<td>France</td>
<td>David Scott Cowper</td>
<td>Carried passengers66</td>
</tr>
<tr>
<td>2017</td>
<td>Sherpa</td>
<td>Malta</td>
<td>Malta</td>
<td>Stephan</td>
<td>Carried passengers66</td>
</tr>
<tr>
<td>2018</td>
<td>Roald Amundsen</td>
<td>Norway</td>
<td>Norway</td>
<td>Kai</td>
<td>Carried passengers60</td>
</tr>
<tr>
<td>2019</td>
<td>The World</td>
<td>Bahamas</td>
<td>Bahamas</td>
<td>Dag Harald Sævik</td>
<td>Carried passengers62</td>
</tr>
</tbody>
</table>

### 2018

<table>
<thead>
<tr>
<th>Year</th>
<th>Vessel</th>
<th>Ownership</th>
<th>Country</th>
<th>Person</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>2018</td>
<td>Infinity</td>
<td>Germany</td>
<td>Germany</td>
<td>Clemens Gabriel Östreich</td>
<td>Laid up for three winters in Tuktoyaktuk</td>
</tr>
<tr>
<td>2019</td>
<td>Thor</td>
<td>Germany</td>
<td>Germany</td>
<td>Thomas Grothe</td>
<td>Traversed Pond Inlet</td>
</tr>
<tr>
<td>2019</td>
<td>Alioth</td>
<td>Belgium</td>
<td>Belgium</td>
<td>Vincent Moeyersoms</td>
<td>Traversed Pond Inlet</td>
</tr>
</tbody>
</table>

### 2019

<table>
<thead>
<tr>
<th>Year</th>
<th>Vessel</th>
<th>Ownership</th>
<th>Country</th>
<th>Person</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>2019</td>
<td>Alego II</td>
<td>Slovakia</td>
<td>Slovakia</td>
<td>Jiri Denk</td>
<td>Carried a cargo of carbon anodes, China to Quebec</td>
</tr>
<tr>
<td>2019</td>
<td>Amazoneborg</td>
<td>Netherlands</td>
<td>Netherlands</td>
<td>Richard de Rijk</td>
<td>Conveyed wood pulp to China, escorted by CCGC Terry Fox in Queen Maud Gulf, return voyage in one season</td>
</tr>
<tr>
<td>2019</td>
<td>Americaborg</td>
<td>Netherlands</td>
<td>Netherlands</td>
<td>Richard de Rijk</td>
<td>Carried a cargo of carbon anodes, China to Quebec</td>
</tr>
<tr>
<td>2019</td>
<td>Biglift Barentsz'</td>
<td>Netherlands</td>
<td>Netherlands</td>
<td>Remmer-Jan Koster</td>
<td>Repositioning voyage after Milne Inlet, traversed Pond Inlet; circumnavigated the Arctic11</td>
</tr>
<tr>
<td>2019</td>
<td>Bremen</td>
<td>Bahamas</td>
<td>Bahamas</td>
<td>Jörn Gottschalk</td>
<td>Traversed Pond Inlet</td>
</tr>
<tr>
<td>2019</td>
<td>Breskell</td>
<td>United States</td>
<td>United States</td>
<td>Olivier Dupond-Huin</td>
<td>Conveyed wood pulp to China</td>
</tr>
<tr>
<td>2019</td>
<td>Fredoya</td>
<td>Malta</td>
<td>Malta</td>
<td>Frederik Jouglar</td>
<td>Both Carried passengers58 &amp; 59</td>
</tr>
<tr>
<td>2019</td>
<td>Inook</td>
<td>France</td>
<td>France</td>
<td>Laurent Messarra</td>
<td>Both Carried passengers58 &amp; 59</td>
</tr>
<tr>
<td>2019</td>
<td>Kamaritza</td>
<td>Cayman Islands</td>
<td>Cayman Islands</td>
<td>Tim Urwin</td>
<td>Both Carried passengers58 &amp; 59</td>
</tr>
<tr>
<td>2019</td>
<td>L'Austral</td>
<td>France</td>
<td>France</td>
<td>Patrick Marchesseau</td>
<td>Both Carried passengers58 &amp; 59</td>
</tr>
<tr>
<td>2019</td>
<td>Le Boreal</td>
<td>France</td>
<td>France</td>
<td>Etienne Garcia</td>
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<td>2019</td>
<td>Mandragore</td>
<td>United States</td>
<td>United States</td>
<td>Pablo David Saad</td>
<td>Both Carried passengers58 &amp; 59</td>
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<tr>
<td>2019</td>
<td>Mirabelle</td>
<td>France</td>
<td>France</td>
<td>Antonin Barrier-Moulis</td>
<td>Both Carried passengers58 &amp; 59</td>
</tr>
<tr>
<td>2019</td>
<td>Moli</td>
<td>United States</td>
<td>United States</td>
<td>Randall Reeves</td>
<td>Both Carried passengers58 &amp; 59</td>
</tr>
<tr>
<td>2019</td>
<td>Morgane</td>
<td>Belgium</td>
<td>Belgium</td>
<td>Robin Kislig</td>
<td>Both Carried passengers58 &amp; 59</td>
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<tr>
<td>2019</td>
<td>Opale</td>
<td>France</td>
<td>France</td>
<td>Marc Pedeau</td>
<td>Both Carried passengers58 &amp; 59</td>
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<tr>
<td>2019</td>
<td>Raold Amundsen</td>
<td>Norway</td>
<td>Norway</td>
<td>Kai Albrigtsen</td>
<td>Both Carried passengers58 &amp; 59</td>
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<tr>
<td>2019</td>
<td>Sherpa</td>
<td>Cayman Islands</td>
<td>Cayman Islands</td>
<td>Jako Hall</td>
<td>Both Carried passengers58 &amp; 59</td>
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<tr>
<td>2019</td>
<td>Snow White</td>
<td>Czechia</td>
<td>Czechia</td>
<td>Miroslav Račan</td>
<td>Both Carried passengers58 &amp; 59</td>
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<td>2019</td>
<td>Tecla</td>
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<td>Thamesborg</td>
<td>Netherlands</td>
<td>Netherlands</td>
<td>Sergey Inzhevatov</td>
<td>Both Carried passengers58 &amp; 59</td>
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<td>2019</td>
<td>The World</td>
<td>Bahamas</td>
<td>Bahamas</td>
<td>Dag Harald Sævik</td>
<td>Both Carried passengers58 &amp; 59</td>
</tr>
</tbody>
</table>
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 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 cannot 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; <rhk10@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/.