Sailing in the Finnish Archipelago

ICOYC Cruise 2017
29th of July (Sat) – 6th (Sun) of August 2017

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I Vice Commodore
Nyländska Jaktklubben
2016 09-15
Nyländska Jaktklubben - in brief

• NJK is the largest and oldest registered yacht club in Finland.
  – 2700 members with 450 registered sailing boats & 300 motor boats
  – Established in 1861 upon approval by Tsar Alexander II in St Petersburg
  – Extensive racing, junior training and cruising
  – NJK has achieved several Olympic medals between 1912 and 2012

• NJK harbours
  – NJK Blekholmen in the South Harbour of Helsinki
    • Clubhouse built in 1900, berths for 125 boats and a first class restaurant
  – NJK Björkholmen western part of Helsinki with road connection
    • NJK Office, Sailing, Training and Race Center, berth for 200 boats
  – Ten (10) Skerry Harbours - natural harbours in the archipelago
    • Located a day's sail from each other - from east to west
    • A sheltered harbour with mooring facilities and sauna
Finnish Archipelago

• 60,000 - 10,000 BC Finland was covered by ice, an ice cap which in places was more than 3 kilometers thick. Needless to say - a lot of ice and a lot of weight!

• During its melting phase the ice left extreme impact on the terrain. It ground down the granite, collected great masses of stone, gravel and sand which today can be seen as hills, ridges, sand beaches, islands and submerged shallows and rocks.

• The ice had pressed down the earth’s crust and when it melted a land elevation process began which, in fact, is still in progress; to be specific approx. 30 centimeters per 100 years in southern Finland and twice as much further north along the Gulf of Botnia.
Thousands of islands

- The Finnish archipelago consists of thousands of islands and what we call “fjärds” which are larger stretches of open water surrounded by islands, sounds and channels.

- In the Gulf of Finland there is a ribbon of islands and skerries which stretches 140 nm along the coast and is of variable width only here and there in excess 6 nm.

- Further north, along the approx 325 nm long west coast in the Gulf of Bothnia the archipelago is very narrow with the exception of the waters near to the town of Vasa.

- The coast there is very flat and strewn with boulders and the land elevation has made the waters permeated with shallows. However, this does not mean you cannot sail there!
When the Vikings passed through the Finnish skerries on their raids east from Sweden the archipelago looked completely different; the islands were smaller and the waters 5 meters deeper.

Some pilot books from the old days are still preserved, most notably, the Danish so called Hedeby Itinerary from the 13th century, which in relatively precise detail describes the route.

From Lübeck by way of Denmark, Sweden’s east coast, Gotland, Stockholm’s archipelago to the Åland Islands and then on through the Finnish archipelago to the Gulf of Finland, Tallinn and the Neva river to St. Petersburg. From here the Vikings sailed along rivers to Istanbul.
ICOYC Cruise in the Finnish Archipelago

29th of July (Sat) - 6th (Sun) of August 2017

• Cruise to start from Mariehamn on the island of Åland in south west of Finland.
• Cruising through the Archipelago Sea and along the Gulf of Finland archipelago eastwards to Helsinki
• Total distance of some 185 to 210 nautical miles depending on the route selected.
• There is a planned route and harbour for each night. Mostly natural harbours or small marinas, some places at anchor in a sheltered location.
• Small groups or single yachts can so to say break out and make their own route for a few days.
• Route recommendations are provided and participating yachts get together at two or three harbours along the route to Helsinki for common programs
• Cruise will finish in Helsinki (Blekholmen) with a reception and dinner at the NJK clubhouse in the South Harbor of Helsinki.
Charter crew recommendations:

28th of July (Fri) - 7th (Mon) of August 2017

• Crews chartering a yacht in Mariehamn are recommended to arrive one day early, on Fri July 28 to Mariehamn. This leaves good time to take over the yacht and participate in the Saturday program.

• Handing over the yacht in Helsinki is recommended to take place on Monday 6th of August.

• It is strongly recommended considering a sailing pre-trip and/or post-trip.
  – Stockholm - Mariehamn, approximately 3 days
  – Mariehamn - Helsinki ICOYC cruise, 8 days
  – Helsinki - Stockholm, approximately 7 to 9 days
Summer Weather

- High summer season and holidays in Finland take place in the month of July
- At end of July, sea temperature has risen up to approximately 17°C to 20°C (63°F to 68°F)
- The chances of enjoying a persistent high pressure centre with sunny days is great. The days are long, the sun rises around 5 a.m. and sun set after 10 p.m.
- If the weather is clear, the nights in July still remain relatively light. In ideal weather conditions the wind arrives soon after 8 a.m.
- A sea breeze means a south-westerly in most skerry areas and the wind force rises to maybe 8-10 m/s (F4-5, 16-20 knots) with its maximum in the late afternoon
- After 8 p.m. the wind dies down and even the open stretches lie mirror smooth. This holds true when we have a spell of ideal conditions.
- The water is not fresh but considerably less salty than water in the Atlantic.
- And there are absolutely no tides!
A possible route for the ICOYC cruise
Actual route will be defined later when we know more about the weather
Archipelago Sea Weather in July

Temperature - South West Finland

<table>
<thead>
<tr>
<th>centigrade, monthly mean</th>
<th>June</th>
<th>July</th>
<th>Aug</th>
</tr>
</thead>
<tbody>
<tr>
<td>Min</td>
<td>10.3</td>
<td>13.7</td>
<td>12.9</td>
</tr>
<tr>
<td>Ave</td>
<td>14.4</td>
<td>17.2</td>
<td>15.5</td>
</tr>
<tr>
<td>Max</td>
<td>18.8</td>
<td>21.4</td>
<td>20.0</td>
</tr>
</tbody>
</table>

Rain - South West Finland

| mm | 50 | 64 | 80 |

Wind - South West Finland

<table>
<thead>
<tr>
<th>10 min average wind</th>
<th>June</th>
<th>July</th>
<th>Aug</th>
</tr>
</thead>
<tbody>
<tr>
<td>Speed</td>
<td>Days/m</td>
<td>Days/m</td>
<td>Days/m</td>
</tr>
<tr>
<td>&gt; 21 m/s</td>
<td>0.2</td>
<td>0.4</td>
<td>0.5</td>
</tr>
<tr>
<td>&gt; 14 m/s</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>&gt; 10 m/s</td>
<td>9</td>
<td>8</td>
<td>10</td>
</tr>
</tbody>
</table>

13°C = 55°F; 20°C = 68°F

10 m/s = 20 knt; 14 m/s = 27 knt
ÅSS Marina
Mariehamn, Åland - 29 July 2017 - Gathering

On the Program
• Sightseeing in Åland
• Excursion to Kastelholm castle
• Visit to Maritime Museum
• Dinner
Åland sightseeing - for early arrivals

Kastelholm Castle 1388

Bomarsund built in 1832 but destroyed in 1854 by a British-French fleet
Mariehamn via Benö ö to Kökar

Sailing open waters and narrow passages between islands with a multitude of navigational markers

Benö ö is a natural harbor; At Benö ö yachts either anchor or put their stern to shore with an anchor at the aft
Kökar
- inhabited over 3,000 years ago by seal hunters
Kökar to Jurmo (lunch option - via Utö)

The island of Jurmo was formed during the ice age and is actually a distant continuation of the Salpausselkä.

Salpausselkä is an extensive ridge system left by the ice age in Southern Finland. It is a large terminal moraine formation that formed in front of the Baltic ice lake about 12,700-11,500 years ago.

2016 09 15JH
Jurmo
Jurmo to Nagu KB

A day of interesting sailing with many alternative routes and lunch places among the islands
Nagu kb

Nagu is a central place of services in the archipelago Sea. Here you find several grocery stores, liquor shop and a vegetable market.

Restaurant L’Escale is known for its good food and exciting wine list. L’Escale is a restaurant where genuine French life enjoyment and genuine archipelago spirit merge together to a totality.
Nagu to Långholmen (NJK)

Långholmen is a NJK harbour well-sheltered from any weather

One of the many places for the yachts to meet along the route
Långholmen to Munckshamn via Hangö

We pass Hangö, the most SW tip of mainland Finland

In Hangö one can stop for grocery shopping in the east harbour
NJK Munckshamn has a small clubhouse and sauna facilities where we can enjoy the evening.

20th of February, 2010, -23°C, E storm 22 m/s
NJK Högholmen is located at the southern tip of the Porkkala peninsula. Sauna facilities are available.
NJK Blekholmen

Reception and dinner at the NJK club house.

Marks the end of the ICOYC - NJK joint cruise in the Finnish archipelago
Preliminary participation fee

Participation fee is calculated on a 15 boat and 60 person participation.
Boat fee of 250 € as well as a 400 € fee per person

This fee includes:
Sightseeing in Mariehamn, Kastelholm and Maritime Museum. Dinner on Saturday the 29th
Sightseeing in Kökar and visiting the old monastery
Dinner at Havspaviljongen in Kökar
Happy Hour drinks at Långholmen and Högholmen
NJK Dinner at Blekholmen on Sunday the 6th
NJK Burgee which gives the right to use NJK ten (10) skerry Harbours – natural harbours in thee archipelago during 2017 at no extra cost
Local person onboard

• Cruise participants may prefer to have a local person onboard his boat during the cruise in the Finnish Archipelago.
• NJK will do its best to make arrangements with young NJK members to join. The cost to cruise participants is to cover travel and out of the pocket cost and a small fee.

Crew on a NJK Boat

• If there is an interest to crew on an NJK participating boat please let us know. NJK will try to find a suitable boat for this purpose.
Boat Charter

Boat charter alternatives in Finland

- Midnight Sun Sailing (Taalintehdas): [www.midnightsunsailing.fi](http://www.midnightsunsailing.fi)
  - Their own fleet of sailing boats. Can deliver to Mariehamn
  - Privately owned boats for charter. Can deliver to Mariehamn
- Fenton (Helsinki): [www.fenton.fi](http://www.fenton.fi)
  - Their own fleet of sailing boats. Can deliver to Mariehamn

Alternatively, charter in Sweden and sail Stockholm - Mariehamn - Helsinki - Stockholm

- Stockholm - Mariehamn, approximately 3 days
- Mariehamn - Helsinki ICOYC cruise, 8 days
- Helsinki - Stockholm, approximately 7 to 9 days
Possibilities for Crew changes along the route

- Porkkala udd to Helsinki Airport: 62 km (1:15 h)
- Barösund to Helsinki Airport: 89 km (1:50 h)
- Kasnäs to Helsinki Airport: 144 km (2:15 h)
- Nagu Kb to Helsinki Airport: 210 km (3:00 h)
Welcome to Finland and Sailing in the Finnish Archipelago

ICOYC Cruise 2017

29\textsuperscript{th} of July (Sat) - 6\textsuperscript{th} (Sun) of August 2017
Signup for the cruise

The ICOYC 2017 cruise can accommodate 20 yachts. First come first serve principle

For more information contact:
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For registration please send an email to jan.horhammer@njk.fi
and pay an advance payment of 20% of the boat and person registration fee.

Final payment, balance to be paid by 1st of June 2017

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