



Date 2024-05-13

## Anchorage and use of anchor inside port

- **Anchorage areas:**
  - Karlskrona outer (A) N56 03,5    E015 31,3
  - Karlskrona roads (B) N56 08,6    E015 36,7
  - Karlskrona inner roads N56 09,4    E015 37,5
- **Unsuitable areas:**
  - Close to fairway
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- **Prohibited areas:**
  - An rectangle area with a northern and a southern line between Island Aspö and Island Tjurkö market in the chart. (0,8 nm north and south of V.Försänkningen).
- **Use of anchor inside port:**
  - No limitations
  - Ship yard: marked in chart

## Berth information and maximum dimensions

| Karlskrona         |                     |             |                |             |             |                    |               |  |
|--------------------|---------------------|-------------|----------------|-------------|-------------|--------------------|---------------|--|
| Berth              | Cargo               | Direction   | Length (m)     | Max Loa (m) | Max Boa (m) | Depth (m) acc. MVY | Max draft (m) | Remarks  |
| Verkö 1            | General Cargo/Cable | 145° / 325° | 70 m           | 180 m       |             | 9,4m               | 8,9m          |  |
| Verkö 2            | General Cargo       | 145° / 325° | 70 m           | 180 m       |             | 9,4m               | 8,9m          | Draught >6,0 m, consult pilots.  |
| Verkö 3 (Ferry)    | Ferry               | 044° / 224° | 226 m          | 240 m       |             | 8,9m               | 8,4m          |  |
| NKT Pier S         | Cable               | 054° / 234° | 60 (Dolphins)  | 135 m       | 25 m        | 7,3m               | 7,0m          | Bouy mooring only in daylight, Vessel must have an even shipside of at least 60m.            |
| NKT Pier N         | Cable               | 054° / 234° | 100 (Dolphins) | 160 m*      | 33 m        | 9,3m               | 8,8m          | Bouy mooring only in daylight.<br>*) Ships 160-180m may be permitted after consulting pilots |
| NKT Quay           | Cable               | 005° / 185° | 80 m           | 110 m       |             |                    | 5,2m          | Minimum height below overhead crane 21m  |
| Merchant harbour N | Pass/Cruise         | 330° / 150° | 250m           | 130 m*      | 7,1m        | 6,5                |               | *) Ships 130-160m may permitted after consulting pilots                                      |
| Merchant harbour S | Pass/Cruise         | 330° / 150° | 250m           | 130 m *     | 6,0m        | 5,3m               |               | *) Ships 130 may permitted after consulting pilots   |
| Ship yard          | General Cargo       | Varying     | Varying        | 180 m       |             |                    | 7,3m          | Always consult pilots  |
| Military Harbour   |                     | Varying     | Varying        | 120 m       |             |                    | 6,0m          | Always consult pilots  |

## Tugboat information and requirements

- See guidelines below. The following are general guidelines.
  - The Pilot has the right, after consultation with the captain of the vessel, to require an **increase** of the number of tugboats if deemed necessary.
  - **No exceptions from tugboats on first time calls.** (Exemptions must be noted as a ship- and area-specific comment in Fenix.)
  - Where it says “ASD” a Tractor-type tug is also acceptable.
  - *When a tugboat is used, visibility must be at least 200 m!*
- **Escort tug requirements**
    - Normally not applicable
  - **Bollard pull/Safe working load requirements - SWL (bollards and fairleads)**
    - No specific requirements, but vessel to have sufficient SWL for the current operation concerning weather and loading conditions
  - **Local tugboat requirements**

| Number of tugboats – Standard for Berth Verkö 1 and Verkö 2<br>(for Verkö No3 consult pilot if vessel is not ferry) |                                       |                              |                                 |                                 |                                     |         |
|---|---------------------------------------|------------------------------|---------------------------------|---------------------------------|-------------------------------------|---------|
| Loa (m)   | No bowthruster                        | Bowthruster + FPP            | Bowthruster +CPP +Normal rudder | Bowthruster +CPP +Active rudder | Bow+Stern thruster/ Twin screw /POD | Remarks |
| >100-120  | 1 ASD                                 | 1                            | 0                               | 0                               | 0                                   |         |
| >120-140  | 2 ASD                                 | 1 ASD                        | 1                               | 0                               | Consult Pilots                      |         |
| >140-160  | 3 tugboats, one of which ASD or 2 ASD | 2 tugboats, one of which ASD | 1 ASD                           | 1 ASD                           | Consult pilots                      |         |
| >160-180  | 3 tugboats, one of which ASD or 2 ASD | 2 tugboats, one of which ASD | 2 tugboats, one of which ASD    | 2 tugboats, one of which ASD    | Consult Pilots                      |         |

| Number of tugboats – Standard for Berth NKT Quay |                |                    |                                   |                                 |                                     |         |
|--|----------------|--------------------|-----------------------------------|---------------------------------|-------------------------------------|---------|
| Loa (m)  | No bowthruster | Bowthruster+ (FPP) | Bowthruster +Normal rudder +(CPP) | Bowthruster +CPP +Active rudder | Bow+Stern thruster/ Twin screw /POD | Remarks |
| >100-110   | 1 ASD          | 0                  | 0                                 | 0                               | 0                                   |         |

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| Number of tugboats – Standard for Berth NKT Pier S/N |                              |                    |                                   |                                 |                                      |            |
|--|------------------------------|--------------------|-----------------------------------|---------------------------------|--------------------------------------|------------|
| Loa (m)  | No bowthruster               | Bowthruster+ (FPP) | Bowthruster +Normal rudder +(CPP) | Bowthruster +CPP +Active rudder | Bow+Stern thruster / Twin screw /POD | Remarks    |
| >100- 135  | 2 ASD                        | 1 ASD              | 1 ASD                             | 1 ASD                           | Consult Pilots                       | South pier |
| >100-135   | 2 ASD                        | 1 ASD              | 1                                 | 1                               | 0                                    | North Pier |
| >135-160   | 3, one of which ASD or 2 ASD | 2 one of which ASD | 2 one of which ASD                | 2 one of which ASD              | Consult Pilots                       | North Pier |
| >160-180   | Consult Pilots               | Consult Pilots     | Consult Pilots                    | Consult Pilots                  | Consult Pilots                       | North Pier |
|  |                              |                    |                                   |                                 |                                      |            |

| Number of tugboats – Standard for Merchant harbor North and South part |                      |                      |                                   |                                 |                                      |         |
|--|----------------------|----------------------|-----------------------------------|---------------------------------|--------------------------------------|---------|
| Loa (m)  | No bowthruster       | Bowthruster+ (FPP)   | Bowthruster +Normal rudder +(CPP) | Bowthruster +CPP +Active rudder | Bow+Stern thruster / Twin screw /POD | Remarks |
| >100- 130  | 2 / One of which ASD | 1 ASD                | 1 ASD                             | 1 ASD                           | Consult Pilots                       |         |
| >130-160   | 2 ASD                | 2 / One of which ASD | 2 / One of which ASD              | 2 / One of which ASD            | Consult Pilots                       |         |

| Number of tugboats – Standard for berth at Shipyard and Navy Base |                              |                      |                                   |                                 |                                      |           |
|---|------------------------------|----------------------|-----------------------------------|---------------------------------|--------------------------------------|-----------|
| Loa (m)   | No bowthruster               | Bowthruster+ (FPP)   | Bowthruster +Normal rudder +(CPP) | Bowthruster +CPP +Active rudder | Bow+Stern thruster / Twin screw /POD | Remarks   |
| >100-120  | Acc to Navy base             | Acc to Navy base     | Acc to Navy base                  | Acc to Navy base                | Acc to Navy base                     | Navy Base |
| >100- 130   | 2 / One of which ASD         | 1 ASD                | 1 ASD                             | 1                               | Consult Pilots                       | Shipyard  |
| >130-180  | 3, one of which ASD or 2 ASD | 2 / One of which ASD | 2 / One of which ASD              | 2 / One of which ASD            | Consult Pilots                       | Shipyard  |

### Visibility restrictions

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|------------------------------|----------------|
| • Merchant harbour LOA >100m | Minimum 2,0 nm |
| • NKT                        | Minimum 1,0 nm |
| • Shipyard                   | Minimum 2,0 nm |

### Daylight restrictions

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- Bouy mooring NKT
- NKT Quay
- Merchant harbor LOA >100m
- Shipyard

*Arrival two hours before sunset.*

*Departure one hour before sunset.*

*Pilotage commence earliest 30 min before sunrise.*

### Wind restrictions

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- Merchant harbor: LOA >130 m, max 10 m/s forecasted wind gust

*Source: according to SMHI/Bizmet and Viva Verkö*

### Wave and swell restrictions

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- Normally not applicable

### Current restrictions

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- Normally not applicable

### Two man pilotage

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- Merchant harbour vessels LOA >130m.
- NKT Pier North, vessels LOA 160-180m and vessels with draught >7,5m.

### Ice restrictions

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- According to [www.sjofartsverket.se/winternavigation](http://www.sjofartsverket.se/winternavigation)

### Other restrictions

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- Normally not applicable