

## Guidence & Restrictions regarding the coast of Halland

2021-03-08

Berth direction	Berth length	Bollard distance	Depth	Max Draught	Max length	Max Breadth	Amount of tugs	Remarks																																																
<b>Halmstad</b>																																																								
From buoy - outer pier and NBT (800)			10,6	9,5	275	40		In the event of onshore wind $\geq 15$ m/a special assessment will be done for arriving vessels.  Turn area Kattegatt have a diameter of 255m. The depth is 10,0 - 9,0m. The river Nissans turn area has a diameter of 150m. Vessels with a length > 180m or a breadth > 28m requires 2 pilots. Berth 200,300,400 Vessels with a length > 160m or a breadth > 26m requires 2 pilots. Vessels with a length > 200 will only operate in daylight.																																																
From inner pier - turn area			10	9,5	200	32,5																																																		
Turning area Kattegatt			10,0 - 9,0	8,5	200	32,5																																																		
River Nissan	030/210, (övre delen 024/204)	750	15	7,7	7		125	<p><b>VHF</b></p> <p>Traffic chanel in port is VHF 18. Local working chanel is VHF 12.</p> <p>*Starboard side alongside its recommended to using its anchors or tugboat at average wind speed of more than 8 m/s from the SSE-SSW.</p> <p><b>Wind restrictions.</b> In the event of wind force <math>\geq 15</math> m/s with the directions SE and NW (onshore wind) vessels are not recommended to enter Falkenberg harbour. Outer turn area has a diameter of 175 m. Inner turn area has a diameter of 145 m. Vessels with a length &gt; 130m or breadth &gt; 23 m requires 2 pilots.</p> <p>** Exceptions can be given to vessels with a maximum draft of 5,6m after consultation with the shipping company and the master. * No vessels alongside at the quays in the turning area and turning assistance required.</p> <table border="1"> <thead> <tr> <th>Bollard nr</th> <th>Other info</th> <th>Length</th> </tr> </thead> <tbody> <tr><td>1-5</td><td>Length of berth incl dolphin (1) 140 m</td><td>57 m</td></tr> <tr><td>6-27</td><td></td><td>303 m</td></tr> <tr><td>28-34</td><td>Length of berth incl dolphin (5) 140 m</td><td>30 m</td></tr> <tr><td>35-39</td><td>Length of berth incl dolphin (1) 95 m</td><td>70 m</td></tr> <tr><td>40-52</td><td></td><td>150 m</td></tr> <tr><td>Rings</td><td></td><td>54 m</td></tr> <tr><td>55-62</td><td></td><td>140 m</td></tr> <tr><td>63-64</td><td></td><td>38 m</td></tr> <tr><td>Rings</td><td></td><td>68 m</td></tr> <tr><td>74-77</td><td></td><td>40 m</td></tr> </tbody> </table> <table border="1"> <thead> <tr> <th>Capacity (MT)</th> <th>Other info</th> <th>Dimesions</th> </tr> </thead> <tbody> <tr><td>4500</td><td>Inner width 20 m</td><td>120x19</td></tr> <tr><td>7500</td><td>Inner width 27,2 m</td><td>155x24</td></tr> <tr><td></td><td></td><td>length of berth 110 m</td></tr> <tr><td></td><td>Heigh of crane 28 m (over water surface).</td><td>length of berth 100 m</td></tr> </tbody> </table>	Bollard nr	Other info	Length	1-5	Length of berth incl dolphin (1) 140 m	57 m	6-27		303 m	28-34	Length of berth incl dolphin (5) 140 m	30 m	35-39	Length of berth incl dolphin (1) 95 m	70 m	40-52		150 m	Rings		54 m	55-62		140 m	63-64		38 m	Rings		68 m	74-77		40 m	Capacity (MT)	Other info	Dimesions	4500	Inner width 20 m	120x19	7500	Inner width 27,2 m	155x24			length of berth 110 m		Heigh of crane 28 m (over water surface).	length of berth 100 m
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Berth 200 - 219	037/217	550	15	8,8	8,3		} see below																																																	
Berth 219 - 234			15	8,6	8,1																																																			
Cross berth east - 301	127/307	90	13	6	5,5																																																			
Berth 301 - 316	032/217	220	15	8,6	8,1																																																			
Oil jetty / 400	048/228	70	20	8,8	8,3																																																			
Berth 501 - 512	045/225	320	15	7,8	7,3																																																			
Berth 512 - 524 (Stena)			15	8,3	7,8																																																			
Berth 600 - 609	089/269	310	15	9	8,5																																																			
Berth 609 - 620			20	9,5	9																																																			
Berth 700*	087/267	50	25	10	9,5																																																			
Berth 800	113,5/293,5	100	20	10,6	9,5																																																			
<b>Falkenberg</b>																																																								
From fairway buoy - first buoy pair.			15 - 9						}																																															
From lighthouse to "Magasinskajen"			6,3	5,8	145	25																																																		
From "Magasinskajen" to drydock no 2.			6,3	5,8	145	25																																																		
From drydock no 2 to inner turn area.			6,3	5,8	125																																																			
Turning in the inner turn area.				5,2	100																																																			
				5,0	125*																																																			
<b>Harbour area.</b>																																																								
RO-RO			5,6	5,1			} see below																																																	
Magasinskajen			6,3	5,8																																																				
CDM			5,7	5,2**																																																				
Femmans brygga			6,3	5,8																																																				
Lantmännen			6,3	5,8																																																				
Kivoll			3,0	2,5																																																				
Nya kajen			4,5	4,0																																																				
Kustbevakningskajen			4,5	4,0																																																				
Frikajen			3,0	2,5																																																				
Limkajen			3,0	2,5																																																				
<b>Shipyard</b>																																																								
Drydock 1 upstream (North)							} see below																																																	
Drydock 2 downstream (South)																																																								
Equipment quay 1 (North)			6,0	5,5																																																				
Equipment quay 2 (South)			6,0	5,5																																																				
<b>Varberg</b>																																																								
Farehamnen			11	10	215	33	} see below																																																	
Innerharbour			7,8	7,3	160	25																																																		
Inner harbour south part			7,9	7,4																																																				
Gyproc			7,8	7,3	135	25																																																		
South of "Massagasinet"			4,6	4,1																																																				
<b>Ringhals</b>																																																								
To Krogstads udde			13-9				}																																																	
Fron Krogstads udde to quay.			5,5	4,8	100	20																																																		

## **Note: Guidelines to Captains, Agents and Ports regarding tugboats.**

### **Generally for the coast of Halland.**

The following guidelines are a guide for the number of tugs on arrival / departure at the coast of Halland. The guidelines are calculated for normal current conditions, and the maximum wind speed 12 m / s. The pilot determines, after consultation with the captain if the operation can be done with sufficient safety margins  
Parameters that needs to be taken into account are wind speed and direction, current and space to manouver, the vessels shape over and under the water, the vessels maneuverability, UKC and available tugboats etc.

#### **Parameters for wind speed and the number of tugs.**

<b>Wind speed</b>	
< 12 m/s	according to table below
12-15 m/s	extra tugs can be necessary
> 15 m/s	special assessment to be made

Vessels that calls the coast of Halland frequent and are well known by the pilots can reduce the number of tugs under "normal conditions".  
It is of great importance that these guidelines are observed at a early stage to minimize delays and to keep the cost down for tugs etc.

#### **Parameters for reduction of the number of tugs.**

Vessels equipped with bow and/or stern thruster can reduce the number of tugs (if the thrusters have sufficient power).  
Vessels equipped with highlift rudder, for example Becker or Shilling rudder can reduce the number of tugs.  
Vessels equipped with two propellers and two rudders can reduce the number of tugs. If a vessel is less then 160 m and shall not swing (go strait in or out) it can reduce the number of tugs.

#### **Vessels not under command.**

Vessels NUC that are arriving/departing or shifting in port shall have minimum two tugs.

#### **Shifting in Falkvarv (Falkenberg yard)**

Vessels NUC and LOA < 100 m requires minimum one tug.  
Vessels NUC and LOA > 100 m requires two tugs, max wind 10 m/s  
The yards working boats does not count as a tug.

## Halmstad

LOA				Number of tugs	If bowthruster	And sternthruster or highlift rudder or two propellers.
<b>Berth 200 - 700 (Innerharbour)</b>						If the avrage windspeed is 12 m/s or more, extra tugs or specific type of tug can be necessary
120 m - 140 m				1	0	0
140 m - 160 m				2*	1	0
160** m - 200 m				2*	2*	1* * one tug must be "tractor"-type or ASD
<b>Berth 800</b>						** In cases where two vessels exceeding 160 x 26 meters are to berth simultaneously in the 300 basin, a special assessment shall be made by the pilots **If there are vessels on both sides (oiljetty and berth 200) when a Panmax vessel shall pass a special assesment shall be made by the pilots.
120 m - 140 m				1	0	0
140 m - 160 m				2*	1*	0 * one tug must be "tractor"-type or ASD
160 m - 200 m				2*	1*	1* * one tug must be "tractor"-type or ASD
200 m - max				3*	2*	2* * one tug must be "tractor"-type or ASD
<b>River Nissan</b>						
100 m - max				1	0	0 Tug boat exceptions can be made, exceptions are handled by the CLO

## Falkenberg

LOA				Number of tugs	If bowthruster	And sternthruster or highlift rudder or two propellers.
<b>Turn area: Outer</b>						
130 m - 145 m				2*	1	0 * one tug must be "tractor"-type or ASD
<b>Turn area: Inner</b>						
115 m - 125 m				1*	0	0 * one tug must be "tractor"-type or ASD

## Varberg

LOA				Number of tugs	If bowthruster	And sternthruster or highlift rudder or two propellers.
<b>Fare Harbour</b>						
120 m - 160 m				1	0	0
160 m - max **				2*	2*	1* * one tug must be "tractor"-type or ASD ** for tankers >160m both tugs must be "tractor"-type or ASD, if the vessel has been turned (fwd pointing S) and are equiped with bowthruster one tug shall be tractor-type or ASD
<b>Innerharbour</b>						
120 m - 150 m				1	0	0
150 m - 160 m				2*	1	0 * one tug must be "tractor"-type or ASD

