

## SUMMARY OF PILOTAGE REGULATIONS IN SWEDEN

This document provides a summary of the pilotage regulations in Sweden. Pilotage in Sweden is regulated by the Swedish Transport Agency's regulations and general advice (TSFS 2022:94) on pilotage, which provides complete information on pilotage regulations. You can find a pilotage guide on the Swedish Transport Agency's website, which helps you determine whether a pilot needs to be engaged or not by answering a few questions. The website also provides more information on pilotage and educational material that describes the rules in more detail. If you are uncertain whether a pilot should be engaged or not, we recommend that you read the information on our website.

### **Compulsory pilotage for masters on vessels<sup>1</sup>**

In Swedish internal waters, the master must engage a pilot if the vessel's length is 70 meters or more, or the breadth is 20 meters or more. Masters of vessels carrying the following cargoes must engage a pilot regardless of the size of the vessel:

1. Irradiated nuclear fuel, plutonium or high-level radioactive waste.
2. Bulk cargo consisting of liquid substances belonging to MARPOL category X, Y or Z.
3. Liquefied gas in accordance with the IGC-code.
4. Single-hull tankers carrying petroleum products and having a length of 50 meters or more.

### **Exemption from compulsory pilotage for masters on vessels in designated pilotage fairways**

Masters of vessels as described above may be exempted from compulsory pilotage in designated pilotage fairways. Whether a pilot needs to be engaged or not depends on the risk level of the designated pilotage fairway and the vessels risk level.

#### ***Vessels are divided into the following risk levels:***

##### *Risk level 4*

- Vessels that meet criteria 1– 4 for compulsory pilotage as described above.

##### *Risk level 3*

- Vessels carrying 400 m<sup>3</sup> of fuel oil or more, in tanks fully or partially protected solely by the vessel's shell plating.
- Vessels carrying more than 12 passengers.

##### *Risk level 2*

- Vessels with a maximum of 12 passengers on board and carrying 100 m<sup>3</sup> of fuel oil or more, but less than 400 m<sup>3</sup>, in tanks fully or partially protected solely by the vessel's shell plating.
- Vessels carrying cargo consisting of petroleum products in tanks protected by double bottom and the vessel's shell plating.

##### *Risk level 1*

- Vessels with a maximum of 12 passengers on board, and carrying less than 100 m<sup>3</sup> of fuel oil, fully or partially protected solely by the vessel's shell plating.
- Vessels carrying cargo consisting of petroleum products in cargo tanks protected by double hull.

The **risk level of designated pilotage fairways** is found in the table **risk level of the designated pilotage fairways**.

The **total risk level**, which is used to determine whether the master has to engage a pilot or not, is the value you get by adding the **risk level of the vessel** to the **risk level of the designated pilotage fairway**.

#### ***A pilot does not need to be engaged in designated pilotage fairways if the following criteria's are met<sup>2</sup>:***

1. The vessel meets one of the following requirements:
  - The total risk level is 2, the length of the vessel is less than 110 metres, the breadth less than 20 metres.
  - The total risk level is 3, the length of the vessel is less than 100 metres, the breadth less than 20 metres.
  - The total risk level is 4, the length of the vessel is less than 90 metres, the breadth less than 20 metres.
2. The master has made a passage with the vessel in the designated pilotage fairway and actively participated in the vessel's navigation within the last 12 months.
3. The vessel has more than two nautical officers signed on.
4. The navigational equipment required in the vessel's safety equipment certificate is functioning properly.
5. The vessel's propulsion machinery and manoeuvring equipment are functioning properly.

<sup>1</sup> A craft that has its own propulsion and manoeuvrability, and that can be used for transport on the water, includes pusher tugs.

<sup>2</sup> This exception does not apply when passing through Lake Vänern. However, if the master has a valid pilot exemption certificate for designated pilotage fairways in Lake Vänern, the Swedish Transport Agency may decide that he or she is covered by the exemption.

### **Compulsory pilotage for masters of a tug and tow<sup>3</sup>**

In Swedish internal waters, the master shall engage a pilot if the towed unit has a length of 70 meters or more, or a width of 14 meters or more. If the tug is equipped with AIS, the master shall engage a pilot if the towed unit has a length of 80 meters or more, or a width of 20 meters or more. Masters of a tug and tow carrying the following cargoes shall engage a pilot regardless of the size of the towed unit:

1. Irradiated nuclear fuel, plutonium or high-activity radioactive waste in packaged form.
2. Harmful liquid substances belonging to MARPOL categories X, Y or Z.
3. Condensed gases according to the IGC code.
4. The towed unit has a single hull and carries oil products and has a length of 50 meters or more.

### **Special rules for the Trollhätte canal and the Göta älv river<sup>4</sup>**

In the Trollhätte canal and the Göta älv river, the master of a vessel shall engage a pilot if the vessel has a length of 60 meters or more, or a width of 9 meters or more, or a draught of 4 meters or more.

The master of a tug and tow shall engage a pilot in the Trollhätte canal and the Göta älv river if the tug and tow has a length of 60 meters or more from the bow of the towing vessel to the stern of the towed unit(s). A pilot shall also be engaged if the towed unit(s) has a combined length of 35 meters or more, a combined width of 9 meters or more, or a draught of 3 meters or more.

### **Area exemption**

With an area exemption, the master does not have to engage a pilot for transfers within certain small areas, or between certain areas that are located near each other. You will find these areas in annex 5 to the Swedish Transport Agency's regulations and general advice (TSFS 2022:94) on pilotage.

### **Pilot exemption certificate (PEC)**

Masters of a vessel or a tug and tow can apply for a pilot exemption certificate in some cases. The Swedish Transport Agency's website provides more information about pilot exemption certificates and how to apply.

### **State vessels**

Masters of Swedish state vessels do not have to engage a pilot. Masters of foreign state vessels may be exempted from compulsory pilotage if they participate in certain operations or preparations for such operations. The same applies for masters navigating foreign state vessels used in Swedish territorial waters as part of certain international cooperations.

---

<sup>3</sup> A combination of a tug and one or more towed units.

<sup>4</sup> The water area covered by the fairway from Frihamnspiren in Gothenburg to Bastungsgrund's mark at the outer breakwater in Vänersborg, and the fairway from the Bommen lighthouse to Vargön.

# RISK LEVEL OF THE DESIGNATED PILOTAGE FAIRWAYS

## PILOTAGE AREA LULEÅ

Axelsvik – Malören	2	Örnsköldsvik – Skagsudde	3
Karlsborg – Malören	3	Örnsköldsvik – inomskärs – Gnäggen/Högbonden	3
Luleå – Farstugrunden	2	Köpmanholmen – Skagsudde	3
Luleå – Sandgrönnfjärden – Rödkallen	3	Köpmanholmen – inomskärs – Högbonden	3
Sandholmen – via Pitsundet – Nygrån	4	Högbonden – inomskärs – Skagsudde	3
Haraholmen – Nygrån	2	Bollsta – nord/syd Storön	3
Skelleftehamn – Gåsören	2	Bollsta – Sannasundet – Härnön/Lungön	3
Rönnskärsverken – Gåsören	2	Väja – nord/syd Storön	3
Umeå (Holmsund) – Väktaren	2	Väja – Sannasundet – Härnön/Lungön	3
Obbola – Väktaren	2	Lugnvik – nord/syd Storön	3
Rundvik – Väktaren	1	Lugnvik – Sannasundet – Härnön/Lungön	3
Rundvik – Skagsudde	1	Utansjö – nord/syd Storön	3
Husum – inre vägen – Skagsudde	3	Utansjö – Sannasundet – Härnön/Lungön	3
Husum – mellersta vägen – Skagsudde	1	Härnösand – Sannasundet/ nord/syd Storön – Skagsudde	3
Husum – yttre vägen – Skagsudde	1	Härnösand – Härnön/Lungön – Skagsudde	1

## PILOTAGE AREA GÄVLE

Bollsta – Härnön/Storön	3	Kubikenborg – Sundsvallsbukten	2
Bollsta – Sundsvallsbukten	3	Stockvik – Sundsvallsbukten	1
Väja – Härnön/Storön	3	Hudiksvall – sjön syd Hornslandet	3
Väja – Sundsvallsbukten	3	Hudiksvall – Kråksundet – sjön syd Hällgrund	3
Lugnvik – Härnön/Storön	3	Iggesund (Skärnäs) – sjön syd Hornslandet	2
Lugnvik – Sundsvallsbukten	3	Iggesund (Skärnäs) – Kråksundet – sjön syd Hällgrund	3
Utansjö – Härnön/Storön	3	Stugsund – sjön syd Hällgrund	4
Utansjö – Sundsvallsbukten	3	Långrör/Sandarne – Prästholmen – sjön syd Hällgrund	3
Härnösand – Sundsvallsbukten	1	Långrör/Sandarne – Myrskär – sjön syd Hällgrund	3
Härnösand – Härnön	1	Ala – sjön syd Hällgrund	3
Söråker – ost Alnö – Sundsvallsbukten	3	Orrskär – sjön syd Hällgrund	2
Söråker – väst Alnö – Sundsvallsbukten	3	Vallvik – sjön syd Hällgrund	3
Östrand – ost Alnö – Sundsvallsbukten	2	Norrsundet – sjön syd Hällgrund	3
Östrand – väst Alnö – Sundsvallsbukten	3	Norrsundet – Gråsjälsbådan	3
Tunadal – ost Alnö – Sundsvallsbukten	3	Bönan – Gråsjälsbådan	1
Tunadal – väst Alnö – Sundsvallsbukten	2	Gävle – Gråsjälsbådan	2
Sundsvall – Sundsvallsbukten	2	Skutskär – Gråsjälsbådan	2

## PILOTAGE AREA STOCKHOLM

Forsmark – Öregrundsgrepen	4	Stockholm – Tjärven	4
Forsmark – inomskärs – Svartklubben	4	Stockholm – Simpnäsklubb	4
Öregrund – Öregrundsgrepen	1	Stockholm – Sandhamn	4
Öregrund – inomskärs – Svartklubben	2	Stockholm – Kanholmsfjärden	4
Hargshamn – inomskärs – Öregrundsgrepen	3	Stockholm – Hammarbyslussen – Södertälje	4
Hargshamn – Svartklubben	3	Kanholmsfjärden – Saxarfjärden – Tjärven	4
Hallstavik – inomskärs – Öregrundsgrepen	3	Kanholmsfjärden – Sandhamn	4
Hallstavik – Svartklubben	3	Kanholmsfjärden – Möja – Tjärven	4
Kapellskär – Simpnäsklubb	3	Kanholmsfjärden – Mysingen – Nynäshamn/Norvik	4
Kapellskär – Tjärven	2	Kanholmsfjärden – Mysingen – Landsort	4
Kapellskär – Möja – Kanholmsfjärden	4	Landsort – Tvären (inomskärs) – Gustaf Dalén	3

## PILOTAGE AREA OXELÖSUND

Studsvik – Gustaf Dalén	3	Marviken – Vinterklasen	4
Vinterklasen – Gustaf Dalén	1	Djurön – Vinterklasen	3
Oxelösund – Vinterklasen	2	Braviken – Vinterklasen	3
Oxelösund (SSAB) – Lillhammarsgrund – Gustaf Dalén	2	Norrköping – Vinterklasen	3
Oxelösund (SSAB) – Mellskärsleden – Gustaf Dalén	3		

## PILOTAGE AREA SÖDERTÄLJE

Kanholmsfjärden – Mysingen – Nynäshamn/Norvik	4	Bålsta – Hammarbyslussen – Stockholm	4
Kanholmsfjärden – Mysingen – Landsort	4	Strängnäs – södra leden – Södertälje	4
Nynäshamn/Norvik – Landsort	2	Strängnäs – södra leden – Stockholm	4
Nynäshamn/Norvik – Gunnarstenarna – Gunnarstenarna VLCC	2	Strängnäs – norra leden – Södertälje	4
Södertälje – Landsort	4	Strängnäs – norra leden – Stockholm	4
Stora Vika – Landsort	3	Västerås – södra leden – Södertälje	4

Södertälje – Nynäshamn/Norvik	4	Västerås – norra leden – Södertälje	4
Södertälje – Stora Vika	4	Västerås – södra leden – Stockholm	4
Stockholm – Hammarbyslussen – Södertälje	4	Västerås – norra leden – Stockholm	4
Vårby – Södertälje	4	Köping – Västerås	4
Vårby – Hammarbyslussen – Stockholm	4	Köping – södra leden – Södertälje	4
Hässelby – Södertälje	4	Köping – norra leden – Södertälje	4
Hässelby – Hammarbyslussen – Stockholm	4	Köping – södra leden – Stockholm	4
Löten – Södertälje	4	Köping – norra leden – Stockholm	4
Bålsta – Södertälje	4		

#### PILOTAGE AREA KALMAR

Visby – Visby redd	2	Kalmar – Trädgårdsgrund	2
Kappelshamn – Kappelshamnsviken	1	Krongrundet – Trädgårdsgrund	3
Storugns – Kappelshamnsviken	2	Degerhamn – utanför Degerhamn	3
Strå (Fårösund) – Bungeör	2	Bergkvara – utanför Bergkvara	2
Slite – syd Magö	2	Karlskrona (Handelshamnen) – Karlskrona angöring	3
Klintehamn – utanför Klintehamn	2	Karlskrona (Verköhamnen) – Karlskrona angöring	2
Västervik – Västerviks angöring	2	Ronnebyhamn – Gåsfeten	3
Flivik – Strupö Ljungskär	4	Karlshamn (Centralhamnen/Kölö/Oxhaga/Stilleryd) – Karlshamns redd	2
Simpevarp – Bredgrund	4	Stärnö vindhamn (Karlshamn) – Karlshamns redd	3
Oskarshamn – Furö	3	Elleholm – Karlshamns redd	2
Jättersön – Lillgrund	2	Sölvesborg – Spättgrund	3
Jättersön – syd Vällö – Dämman	3	Åhus – Pällgrund	2
Kalmar – Krongrundet	3	Simrishamn – Nedjan	3

#### PILOTAGE AREA MALMÖ

Ystad – Ystads redd	2	Landskrona – Landskrona redd	3
Trelleborg – Trelleborgs redd	2	Helsingborg – Helsingborgs redd	2
Malmö – Malmö redd	2	Höganäs – Höganäs redd	2
Malmö (Swede Harbour / oljehamnen) – Malmö redd	2	Halmstad – Halmstads redd	2
Malmö (Swede Harbour / oljehamnen) – Vikhögsbojen	2	Falkenberg – Falkenbergs redd	3
Malmö (Swede Harbour / oljehamnen) – Pinhättan	2	Varberg – Varbergs redd	2
Barsebäckverket – Malmö redd	4	Ringhals – Varbergs redd	4

#### PILOTAGE AREA GÖTEBORG

Göteborg: Skandiahammen (inklusive hamnar väster därom) – Böttöleden (södra leden)/Torshamnsleden (norra leden) – Trubaduren	2	Göteborg – nord Vinga – väst Vinga	2
Göteborg: Frihamnen (inklusive hamnar väster om Frihamnspiren till Skandiahammen) – Rivöfjorden	3	Danafjorden (ankarsättning) – Trubaduren	2
Göteborg: Lärjeåns mynning (inklusive hamnar väster om Lärjeåns mynning till Frihamnspiren) – Tångudden	4	Rivöfjorden (ankarsättning) – Trubaduren	2

#### PILOTAGE AREA MARSTRAND

Marstrand – Hätteberget	2	Brofjordens oljehamn – Brofjordens angöring	2
Rönnäng/Ångholmen – Hätteberget	3	Brofjordens angöring – riksgränsen vid Nord–Hällsö	2
Skärhamn – Hätteberget	2	Kungshamn – Brofjordens angöring	2
Wallhamn – Hätteberget	2	Strömstad – Brofjordens angöring	2
Stenungsund – Hätteberget	3	Strömstad – Ramskär	2
Uddevalla – Hätteberget	3	Strömstad – riksgränsen vid Nord–Hällsö	2
Uddevalla – Malö strömmar – Brofjordens angöring	4	Krokstrand – Ramskär	3
Uddevalla – Malö strömmar – Lysekil	4	Krokstrand – riksgränsen vid Nord–Hällsö	3
Lysekil – Brofjordens angöring	2		

#### PILOTAGE AREA VÄNERN

Vänersborg (inkl. Vargön, Trollhättan/Stallbacka, Lilla Edet, Göta, Lödöse, Nol, Bohus, Surte) – Göteborg (Tångudden)	4	Skattkärr – Skattkärrs angöring	4
Passage på sjön Vänern i lotsledsavsnitt från en hamns angöring till en annan hamns angöring	1	Kristinehamn – Kristinehamns angöring	4
Vänersborg – Vänersborgs angöring	4	Otterbäcken – Otterbäckens angöring	4
Åmål – Åmåls angöring	4	Brommöundet nord – Brommöundet syd	4
Gruvön (Grums) – Gruvöns angöring	4	Hönsäter – Hönsäters angöring	4
Älvenäs – Älvenäs angöring	4	Lidköping – Lidköpings angöring	4
Skoghall – Skoghalls angöring	4	Trellevarvet – Trellevarvets angöring	4
Karlstad – Karlstads angöring	4		