

# Nordic Pilot Route Service

- The Nordic Pilot Route Service, NPRS is an onshore service that provides pilot routes to vessels when planning their voyages.
- The vessel can send their voyage plan to NPRS and get back one or several pilot routes in return. When the voyage plan ends near a pilot boarding point, all pilot routes from that boarding point will be returned.
- The service provides pilot routes both in/out to/from port and in open sea.

## *PRS Example*

Ship voyage: Hanko-Rostock

1. The ship share the route (it only need to be from pilot station to pilot station (let's call it "Ship route" here) with the Pilot Route Service (Which you can find in your STM ECDIS).
2. The Pilot Route service have an "algorithm" that will look up and return the Pilot routes that "fits" your "Ship-Route" the best.
3. The ship will now receive "Pilot Routes" from the Pilot route service, including a textmessage that states what routes that has been sent to your STM ECDIS
4. The Ship could now amend (copy/paste, link, merge or however it's done in your ECDIS, see further down in this document) the appropriate Pilot Routes to the "ShipRoute", i.e. a Departure Pilot Route (Berth to Pilot Station) and an appropriate arrival Pilot Route (Pilotstation to berth) to the ShipRoute

We understand that you might already have a lot of routes from berth to berth in your ECDIS, but if you are on the way to or from a port in Finland or Sweden where you haven't been before, I guess you would like to use this service. In the future this could mean that the shiproutes only have to be done Pilot station to Pilot station, then you share that route with the Pilot Route Service, and from the received pilot routes you could quite easily make a "berth to berth route", of course you still have to make a route check on that berth to berth route.

Below it is shown in detail how to do it in a Transas STM ECDIS

## How To Use Pilot Route Service in Transas STM ECDIS

The screenshot displays the Transas STM ECDIS interface. At the top, the 'Routes' tab is active, showing 'TernvikPori\_Karlshamn'. The 'Schedules' tab shows 'Schedule 1'. The interface includes a 'Route Editor' section with buttons for 'New', 'Auto Route', 'Load', 'Save', 'Focus', 'Services', 'Subscribers', and 'Access'. Below this is a 'Create Route' section with buttons for 'WPT Editor', 'Alt. Segm', 'Ref. Points', 'Link', 'Link Segm', 'Reverse', 'Protect', 'Import', 'Export', 'Delete', and 'Del All'. The 'Route Status' section shows 'Shore Centre route STATUS: Planned for voyage'. The main map area shows a detailed view of the Baltic Sea, including the Gulf of Bothnia, the Gulf of Finland, and the Baltic Proper. A red line indicates a ship route from the Swedish coast near Karlshamn to the Finnish coast near Pori. A red box with the text '1. Load "Ship Route" In "NaviPlanner"' is overlaid on the map. The map also shows various navigational aids, depth contours, and geographical features like the Skagerrak and the Kattegat.

Routes: TernvikPori\_Karlshamn

Schedules: Schedule 1

Route Editor: New, Auto Route, Load, Save, Focus, Services, Subscribers, Access

Create Route: WPT Editor, Alt. Segm, Ref. Points, Link, Link Segm, Reverse, Protect, Import, Export, Delete, Del All

Route Status: Shore Centre route STATUS: Planned for voyage

1. Load "Ship Route" In "NaviPlanner"



The screenshot displays the TernvikPorti\_Karlshamn software interface. The top menu bar includes 'Routes', 'Schedules', and 'Schedule 1'. The 'Route Editor' tab is active, showing a map of the North Sea with various waypoints and routes. The 'Service Registry' window is open, displaying a search for 'pilot' and a list of services. The 'Ship Service Book' window is also open, showing a search for 'pilot' and a list of services. The interface includes a sidebar with icons for 'Route', 'General', 'Waypoint', 'Schedule', 'Weather', 'Charts', 'WPT Info', 'Checklist', and 'Overlays'. The bottom status bar shows the time '10:59' and date '31.10.2018'.

1. Click on the "Route Editor Tab"

2. Click on the "Services Button"

3. Click on the "Services Button"

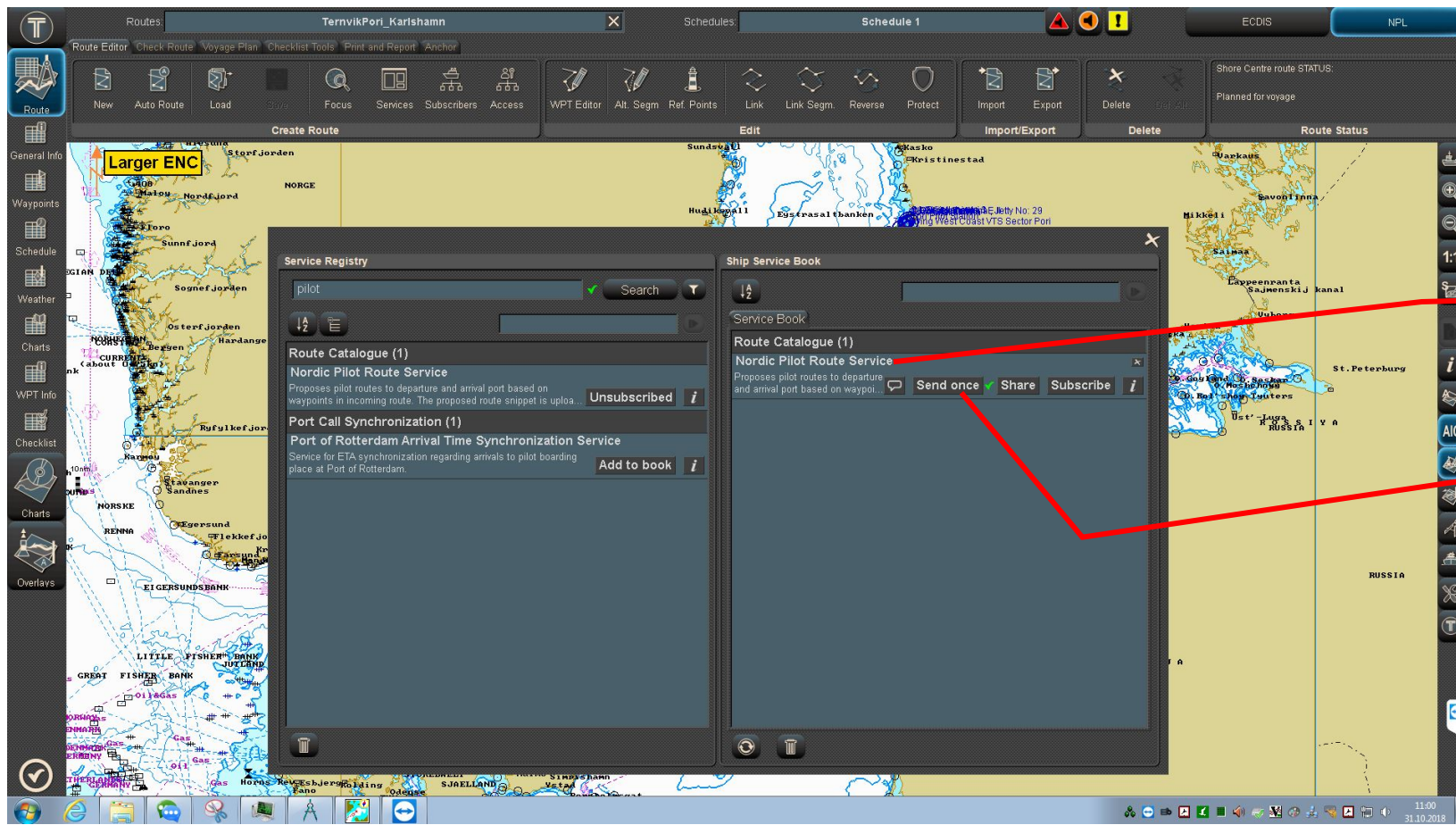
4. Then this window will open

5. Write "Pilot" here

6. Click on "Search"

7. The "Nordic Pilot Route Service" is now found

8. Click on "Add To Book"



9. Now the “Nordic Pilot Route Service” is added to you “Service Book”

10. Click on “Send Once” (it’s important that you only use “Send Once” for this service)



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Routes: TernvikPori\_Karlshamn

Schedules: Schedule 1

ECDIS

NPL

Route Editor

Check Route

Voyage Plan

Checklist Tools

Print and Report

Anchor

New

Auto Route

Load

Save

Focus

Services

Subscribers

Access

WPT Editor

Alt. Segm

Ref. Points

Link

Link Segm

Reverse

Protect

Import

Export

Delete

Del All

Create Route

Edit

Import/Export

Delete

Route Status

General Info

Waypoints

Schedule

Weather

Charts

WPT Info

Checklist

Charts

Overlays

Status Page

12. Then there will be shown a “moving arrow” here, that shows that a sending is in process, when the rote “arrived” to Transas “Shorebased Cloud Service” it will be shown a green Tickmark. Then wait for a minute a two and continue on next page.

Nordic Pilot Route Service

Proposes pilot routes to departure and arrival port based on waypoints in incoming route. The proposed route snippet is uploa...

Unsubscribed

i

Port Call Synchronization (1)

Port of Rotterdam Arrival Time Synchronization Service

Service for ETA synchronization regarding arrivals to pilot boarding place at Port of Rotterdam.

Add to book

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Ship Service Book

Service Book

Route Catalogue (1)

Nordic Pilot Route Service

Proposes pilot routes to departure and arrival port based on wavpoi...

Send once

Share

Subscribe

i

Tarifa\_SC\_Tarifa\_SC\_Lisboa to Oran

Tarifa\_SC\_Tarifa\_SC\_Lisboa to Oran\_1

Tarifa\_SC\_Tarifa\_SC\_Malag Cadis Transas\_2

Tarifa\_SC\_Tarifa\_SC\_Malag Cadis Transas\_2\_1

Tarifa\_SC\_Test from kongsberg

Tarifa\_SC\_Test from Sverre

**TernvikPori\_Karlshamn**

TernvikPori\_Karlshamn\_PIER TO PIER

TEST

TEST Caj

TESTDATA -UC 5-OSLO PILOT-THE SOUND-SANDHAMN PILOT

Till Karlshamn

Transas over Nordsjon

UK till Kvitsoy

Verification\_Service\_Beskrivning

Verification\_Service\_Cajsa

Verification\_Service\_Holmen hem

Verification\_Service\_S-124 TEST

Verification\_Service\_TEST ROUTE TO VERIFICATION SERVICE

Winter\_Navigation\_Service\_Bjorna Gdynia Umea 2

11. Click on the “Ship Route” that you shall “send once” to the “Pilot Rote Service

13. After a while the “Nordic Pilot Route service” will send the routes to you .

14. Click here to review the received route

