



Rail Freight Corridor  
North Sea – Baltic



## Rail Freight Corridor North Sea – Baltic offer

30<sup>th</sup> March 2017

Berlin

Florian Müller



Co-financed by the European Union  
Connecting Europe Facility



**PaP-Offer TT 2018**

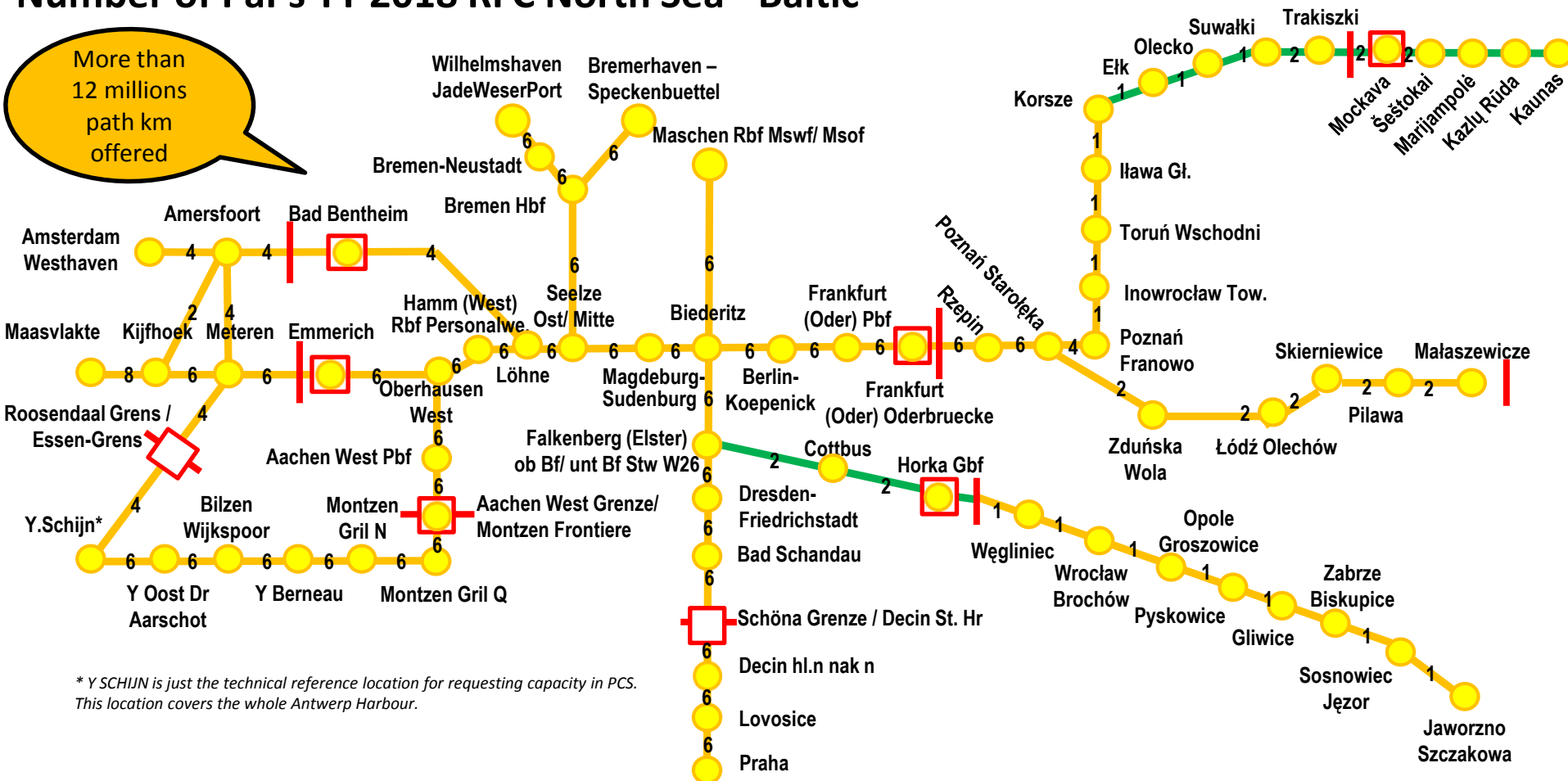
**Reserve Capacity Offer TT 2017**

**Book 4 for TT 2018**



# Number of PaPs TT 2018 RFC North Sea - Baltic

More than  
12 millions  
path km  
offered



\* Y SCHIJN is just the technical reference location for requesting capacity in PCS.  
This location covers the whole Antwerp Harbour.

- Border
- Not electrified section
- Handover Point → Fixed Times
- Handover Point combined with Intermediate point
- Intermediate Point → Stop and feeder/outflow-connection possible

## Implemented „Wishes“ and News for TT 2018

### Implemented „Wishes“ and News for TT 2018

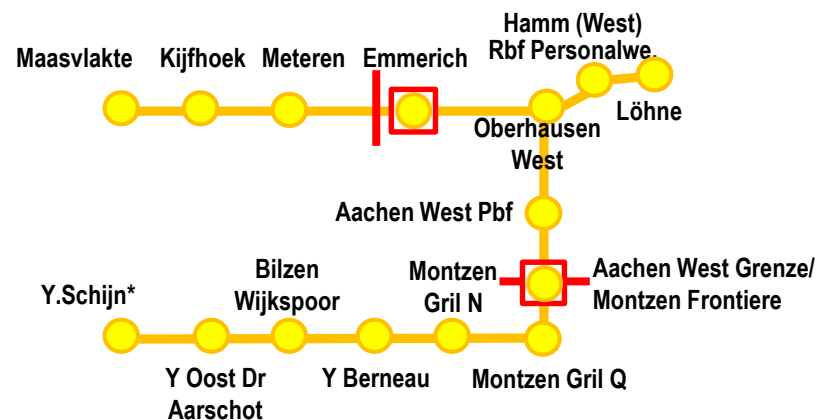
- Route via Bad Bentheim;
- Acceptance of Terms and Conditions directly in PCS;
- Longer Stopping Time in Frankfurt (Oder) Oderbrücke;
- Separate Offer on overlapping section with RFC Rhine Alpine;
- New Handover Point between SZDC and DB Netz (Decin st.hr/Bad Schandau Grenze);
- PaP-Catalogue (Print out) Harmonisation for most RFCs;
- Book 4 Harmonisation for all RFCs.






## Number of Net-PaPs TT 2018 on RFC North Sea - Baltic

| Direction | From       | To         | # Net-PaPs |
|-----------|------------|------------|------------|
| W – E     | Y.Schijn   | Löhne      | 2          |
| W – E     | Maasvlakte | Löhne      | 2          |
| E – W     | Löhne      | Y.Schijn   | 2          |
| E – W     | Löhne      | Maasvlakte | 2          |



# PaP-Catalogue TT 2018 - RFC North-Sea Baltic (1)

00th January 2017

| RFC North Sea - Baltic: Pre-Arranged-Path Catalogue<br>Timetable 2018 |                         |              |  |              |  |                 |  |                 |  |                 |  |                 |  |  |  |
|---|-------------------------|--------------|--|--------------|--|-----------------|--|-----------------|--|-----------------|--|-----------------|--|---|--|
| West-East   | PaP ID                  | RFC08PaP0101 |  | RFC08PaP0111 |  | RFC08PaP0121    |  | RFC08PaP0131    |  | RFC08PaP0141    |  | RFC08PaP0151    |  | RFC08PaP0161  |  |
| Additional PaP-ID in Belgium for weekend                              |                         |              |  |              |  | + RFC08PaP0123* |  | + RFC08PaP0133* |  | + RFC08PaP0143* |  | + RFC08PaP0153* |  |   |  |
| Section   | National path reference |              |  |              |  |                 |  |                 |  |                 |  |                 |  |   |  |
| BE<br>Y.Schiin - Essen-Grens /<br>Roosendaal Grens<br>PaP Type: Fix   | Running days            |              |  |              |  |                 |  |                 |  |                 |  |                 |  |   |  |
|   | Train parameter         |              |  |              |  |                 |  |                 |  |                 |  |                 |  |   |  |
|   | Stations                |              |  |              |  |                 |  |                 |  |                 |  |                 |  |   |  |
|   | Comment                 |              |  |              |  |                 |  |                 |  |                 |  |                 |  |   |  |
|   | Arr                     |              |  |              |  |                 |  |                 |  |                 |  |                 |  |   |  |
| NL<br>Essen-Grens / Roosendaal Grens -<br>Amersfoort<br>PaP Type: Fix | Running days            |              |  |              |  |                 |  |                 |  |                 |  |                 |  |   |  |
|   | Train parameter         |              |  |              |  |                 |  |                 |  |                 |  |                 |  |   |  |
|   | Stations                |              |  |              |  |                 |  |                 |  |                 |  |                 |  |   |  |
|   | Comment                 |              |  |              |  |                 |  |                 |  |                 |  |                 |  |   |  |
|   | Arr                     |              |  |              |  |                 |  |                 |  |                 |  |                 |  |   |  |
| BE<br>Y.Schiin - Y Oost Dr Aarschot<br>PaP Type: Fix                  | Running days            |              |  |              |  |                 |  |                 |  |                 |  |                 |  |   |  |
|   | Train parameter         |              |  |              |  |                 |  |                 |  |                 |  |                 |  |   |  |
|   | Stations                |              |  |              |  |                 |  |                 |  |                 |  |                 |  |   |  |
|   | Comment                 |              |  |              |  |                 |  |                 |  |                 |  |                 |  |   |  |
|   | Arr                     |              |  |              |  |                 |  |                 |  |                 |  |                 |  |   |  |
| BE<br>Y Oost Dr Aarschot - Bilzen<br>Wijkspoor<br>PaP Type: Fix       | Running days            |              |  |              |  |                 |  |                 |  |                 |  |                 |  |   |  |
|   | Train parameter         |              |  |              |  |                 |  |                 |  |                 |  |                 |  |   |  |
|   | Stations                |              |  |              |  |                 |  |                 |  |                 |  |                 |  |   |  |
|   | Comment                 |              |  |              |  |                 |  |                 |  |                 |  |                 |  |   |  |
|   | Arr                     |              |  |              |  |                 |  |                 |  |                 |  |                 |  |   |  |
| BE<br>Bilzen Wijkspoor - Y Berneau<br>PaP Type: Fix                   | Running days            |              |  |              |  |                 |  |                 |  |                 |  |                 |  |   |  |
|   | Train parameter         |              |  |              |  |                 |  |                 |  |                 |  |                 |  |   |  |
|   | Stations                |              |  |              |  |                 |  |                 |  |                 |  |                 |  |   |  |
|   | Comment                 |              |  |              |  |                 |  |                 |  |                 |  |                 |  |   |  |
|   | Arr                     |              |  |              |  |                 |  |                 |  |                 |  |                 |  |   |  |
| BE<br>Y Berneau - Montzen Gril Q<br>PaP Type: Fix                     | Running days            |              |  |              |  |                 |  |                 |  |                 |  |                 |  |   |  |
|   | Train parameter         |              |  |              |  |                 |  |                 |  |                 |  |                 |  |   |  |
|   | Stations                |              |  |              |  |                 |  |                 |  |                 |  |                 |  |   |  |
|   | Comment                 |              |  |              |  |                 |  |                 |  |                 |  |                 |  |   |  |
|   | Arr                     |              |  |              |  |                 |  |                 |  |                 |  |                 |  |   |  |
| BE<br>Montzen Gril Q - Montzen E<br>PaP Type: Fix                     | Running days            |              |  |              |  |                 |  |                 |  |                 |  |                 |  |   |  |
|   | Train parameter         |              |  |              |  |                 |  |                 |  |                 |  |                 |  |   |  |
|   | Stations                |              |  |              |  |                 |  |                 |  |                 |  |                 |  |   |  |
|   | Comment                 |              |  |              |  |                 |  |                 |  |                 |  |                 |  |   |  |
|   | Arr                     |              |  |              |  |                 |  |                 |  |                 |  |                 |  |   |  |

Respective  
country and PaP  
Type

PaP ID

Running days


National path  
reference

Train parameter

PaP Sections  
indicated by the  
respective  
stations

RFC NS-B Network  
PaP

## PaP-Catalogue TT 2018 - RFC North-Sea Baltic (2)

| Parameters PaPs TT 2018 |                         |                         |  |  |                             |                                   |                          | <br>Rail Freight Corridor<br>North Sea – Baltic |
|-------------------------|-------------------------|-------------------------|--|--|-----------------------------|-----------------------------------|--------------------------|--|
| Parameters              | MAX.<br>TRAIN<br>LENGTH | MAX.<br>TRAIN<br>WEIGHT | MAX.<br>LENGTH OF<br>SET OF<br>CARRIAGES | MAX.<br>WEIGHT OF<br>SET OF<br>CARRIAGES | HIGHEST<br>PLANNED<br>SPEED | MIN BREAK<br>WEIGHT<br>PERCENTAGE | Other                    | Reference<br>Loco  |
| 08INFRA1                | 650                     | 1885                    |  | 1800                                     | 100                         | 69                                |                          | 185  |
| 08INFRA2                | 750                     | 1885                    |  | 1800                                     | 100                         | 72                                |                          | 185  |
| 08INFRA3                | 650                     | 1927                    |  | 1800                                     | 100                         | 69                                |                          | CL66   |
| 08INFRA4                | 750                     | 1927                    |  | 1800                                     | 100                         | 72                                |                          | CL66   |
| 08INFRA5                | 650                     | 2127                    |  | 2000                                     | 90                          | 65                                |                          | CL66   |
| 08INFRA6                | 750                     | 2127                    |  | 2000                                     | 90                          | 65                                |                          | CL66   |
| 08PR1                   | 740                     | 2700                    |  | 2610                                     | 95                          | 0                                 |                          | 189  |
| 08PR2                   | 740                     | 2700                    |  | 2610                                     | 85                          | 0                                 |                          | 189  |
| 08PR3                   | 630                     | 2100                    |  | 2010                                     | 95                          | 0                                 |                          | 189  |
| 08DB01                  | 650                     |                         | 630                                      | 2000                                     | 90                          | 64                                | brake position G         | 155  |
| 08DB02                  | 620                     |                         | 600                                      | 2000                                     | 90                          | 64                                | brake position G         | 155  |
| 08DB03                  | 620                     |                         | 600                                      | 1790                                     | 90                          | 64                                | brake position G         | 155  |
| 08DB04                  | 650                     |                         | 630                                      | 1425                                     | 90                          | 64                                | brake position G         | 155  |
| 08DB05                  | 629                     |                         | 610                                      | 2000                                     | 100                         | 65                                | brake position P         | 155  |
| 08DB06                  | 650                     |                         | 630                                      | 2000                                     | 100                         | 65                                | brake position P         | 155  |
| 08DB07                  | 650                     |                         | 630                                      | 1600                                     | 100                         | 65                                | brake position P         | ER20   |
| 08DB08                  | 650                     |                         | 630                                      | 2000                                     | 90                          | 64                                | brake position G         | 232  |
| 08DB09                  | 690                     |                         | 670                                      | 2000                                     | 100                         | 64                                | brake position G         | 185  |
| 08DB10                  | 690                     |                         | 650                                      | 2000                                     | 90                          | 65                                | brake position G         | 185  |
| 08DB11                  | 610                     |                         | 570                                      | 2000                                     | 90                          | 65                                | brake position G         | 185  |
| 08SZDC01                | 650                     | 2100                    | 630                                      | 2000                                     | 100                         | 80                                |                          | 386  |
| 08PKP01                 | 620                     |                         |  | 2000                                     | 80                          |                                   |                          | ET22   |
| 08PKP02                 | 600                     |                         |  | 2000                                     | 80                          |                                   |                          | ST44   |
| 08PKP03                 | 630                     |                         |  | 2000                                     | 90                          |                                   |                          | ET22   |
| 08PKP04                 | 650                     |                         |  | 2000                                     | 90                          |                                   |                          | BR232  |
| 08PKP05                 | 620                     |                         |  | 1790                                     | 80                          |                                   |                          | ET22   |
| 08PKP06                 | 600                     |                         |  | 1790                                     | 80                          |                                   |                          | ST44   |
| 08LG01                  | 600                     |                         |  | 2500                                     | 80                          | 0                                 | Max. axle weight: 22,5 t | M62K   |



## Expression of Capacity Wishes TT 2019

- ✓ To have a better understanding of the following:
  - ✓ International O/Ds
  - ✓ Development of new traffics
  - ✓ Needed running times
  - ✓ Needed nodes
  - ✓ ...
- ✓ Excel Document
- ✓ E-Mail invitation to participate to the survey send out per C-OSS
- ✓ Website publication
- ✓ Gathering of the documents per C-OSS
  - ✓ Clear message: **one file per customer** for all capacity wishes (= not one per RFC)
  - ✓ Coordination/distribution of information assured by C-OSS

## Customer Visits and PCS Trainings

### PCS Training

- A PCS Training was provided in January/February together with RFC Rhine-Alpine and Scan-Med RFC;
- Training with support of RNE;
- RUs, IMs, RNE and C-OSS participated;
- It is planned to have a training once a year.



### Customer Visits

- C-OSS started with customer visits in January 2017;
- Either common meetings with more RUs or individual meetings;
- **If you would like to have an individual C-OSS customer visit please feel free to contact me anytime.**



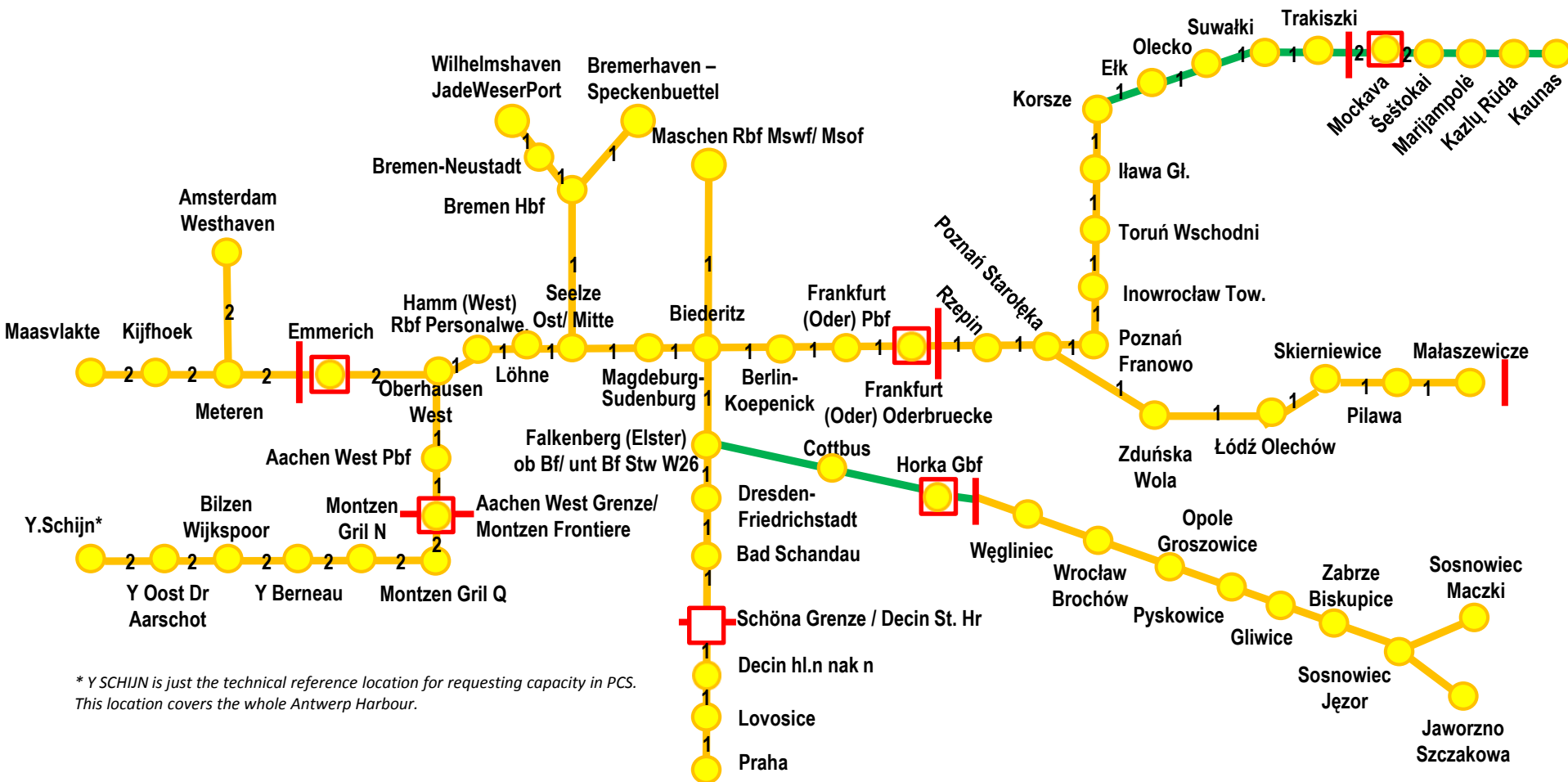
# International Timetabling Calendar 2017 – Rail Freight Corridors








- ✓ 09 Jan 2017 *Publication of PaP Catalogue*
- ✓ **10 Apr 2017 *Last day to request PaPs***
- ✓ 24 Apr 2017 *PaP Pre-Booking Information*
- ✓ 11 Apr – 02 Jul 2017 *Construction of the Timetable*
- ✓ 03 Jul 2017 *Publication of International Draft Timetable*
- ✓ 04 Jul – 04 Aug 2017 *Observations and Comments from Customers*
- ✓ 21 Aug 2017 *Publication of International Final Timetable*
- ✓ 26 Aug 2017 *Acceptance of Final Offer*
- ✓ 17 Oct 2017 *Last day to publish Reserve Capacity*
- ✓ 10 Dec 2017 *Start of Timetable 2018*



# Number of RC TT 2017 RFC North Sea - Baltic



\* Y SCHIJN is just the technical reference location for requesting capacity in PCS.  
This location covers the whole Antwerp Harbour.

|  |   |   |
|--|---|---|
|  Border                  |  Handover Point<br>→ Fixed Times                 |  Intermediate Point<br>→ Stop and feeder/outflow-connection possible |
|  Not electrified section |  Handover Point combined with Intermediate point |   |

# Visualisation of the RC-Catalogue

## Availability Overview for Reserve Capacity Timetable 2017

### West-East

|    | Corridor segment                       |                                      | standard running time (in min)        | reference loco |  | Sonntag, 11. Dezember 2016 | Montag, 12. Dezember 2016 | Dienstag, 13. Dezember 2016 | Mittwoch, 14. Dezember 2016 | Donnerstag, 15. Dezember 2016 | Freitag, 16. Dezember 2016 | Samstag, 17. Dezember 2016 | Sonntag, 18. Dezember 2016 | Montag, 19. Dezember 2016 |
|----|--|--------------------------------------|---------------------------------------|----------------|--|----------------------------|---------------------------|-----------------------------|-----------------------------|-------------------------------|----------------------------|----------------------------|----------------------------|---------------------------|
|    |  |                                      |                                       |                |  |                            |                           |                             |                             |                               |                            |                            |                            |                           |
| NL | Amsterdam Westhaven                    | Amersfoort                           |                                       | BR189          |  | 2                          | 2                         | 2                           | 2                           | 2                             | 2                          | 2                          | 2                          | 2                         |
|    | Maasvlakte                             | Kijfhoek                             |                                       | BR189          |  | 2                          | 2                         | 2                           | 2                           | 2                             | 2                          | 2                          | 2                          | 2                         |
|    | Kijfhoek                               | Meteren                              |                                       | BR189          |  | 2                          | 2                         | 2                           | 2                           | 2                             | 2                          | 2                          | 2                          | 2                         |
|    | Amersfoort                             | Meteren                              |                                       | BR189          |  | 2                          | 2                         | 2                           | 2                           | 2                             | 2                          | 2                          | 2                          | 2                         |
|    | Meteren                                | Emmerich                             |                                       | BR189          |  | 2                          | 2                         | 2                           | 2                           | 2                             | 2                          | 2                          | 2                          | 2                         |
| BE | Y.Schiin                               | Y.Oost Dr.Aarschot                   | 79                                    | class 66       |  | 1                          | 1                         | 1                           | 1                           | 1                             | 1                          | 1                          | 1                          | 1                         |
|    | Y.Schiin                               | Y.Oost Dr.Aarschot                   | 64                                    | traxx          |  | 0                          | 1                         | 1                           | 1                           | 1                             | 1                          | 1                          | 0                          | 1                         |
|    |  |                                      | Aarschot (minimum handover time) = 30 |                |  |                            |                           |                             |                             |                               |                            |                            |                            |                           |
|    | Y.Oost Dr.Aarschot                     | Bilzen                               | 57                                    | class 66       |  | 0                          | 1                         | 1                           | 1                           | 1                             | 1                          | 1                          | 0                          | 1                         |
|    | Y.Oost Dr.Aarschot                     | Bilzen                               | 52                                    | traxx          |  | 0                          | 1                         | 1                           | 1                           | 1                             | 1                          | 1                          | 0                          | 1                         |
|    |  |                                      | Bilzen (minimum handover time) = 10   |                |  |                            |                           |                             |                             |                               |                            |                            |                            |                           |
|    | Bilzen                                 | Y.Berneau                            | 39                                    | class 66       |  | 0                          | 1                         | 1                           | 1                           | 1                             | 1                          | 1                          | 0                          | 1                         |
|    | Bilzen                                 | Y.Berneau                            | 34                                    | traxx          |  | 0                          | 1                         | 1                           | 1                           | 1                             | 1                          | 1                          | 0                          | 1                         |
|    |  |                                      |                                       |                |  |                            |                           |                             |                             |                               |                            |                            |                            |                           |
|    | Y.Berneau                              | Montzen-Gril Q                       | 40                                    | class 66       |  | 1                          | 1                         | 1                           | 1                           | 1                             | 1                          | 1                          | 1                          | 1                         |
|    | Y.Berneau                              | Montzen-Gril Q                       | 21                                    | traxx          |  | 1                          | 1                         | 1                           | 1                           | 1                             | 1                          | 1                          | 1                          | 1                         |
|    |  |                                      | Montzen (minimum handover time) = 30  |                |  |                            |                           |                             |                             |                               |                            |                            |                            |                           |
| DE | Montzen-Gril Q                         | Montzen-Frontière/Aachen West Grenze | 21                                    | class 66       |  | 1                          | 1                         | 1                           | 1                           | 1                             | 1                          | 1                          | 1                          | 1                         |
|    | Montzen-Gril Q                         | Montzen-Frontière/Aachen West Grenze | 15                                    | traxx          |  | 1                          | 1                         | 1                           | 1                           | 1                             | 1                          | 1                          | 1                          | 1                         |
|    |  |                                      |                                       |                |  |                            |                           |                             |                             |                               |                            |                            |                            |                           |
|    | Emmerich                               | Oberhausen West                      | 55                                    | 185            |  | 2                          | 2                         | 2                           | 2                           | 2                             | 2                          | 2                          | 2                          | 2                         |
|    | Aachen West Grenze / Montzen-Frontière | Aachen West Pbf                      | 10                                    | 185            |  | 1                          | 1                         | 1                           | 1                           | 1                             | 1                          | 1                          | 1                          | 1                         |
|    | Aachen West Pbf                        | Oberhausen West                      | 130                                   | 155            |  | 1                          | 1                         | 1                           | 1                           | 1                             | 1                          | 1                          | 1                          | 1                         |
|    | Oberhausen West                        | Seelze Mitte                         | 245                                   | 155            |  | 1                          | 1                         | 1                           | 1                           | 1                             | 1                          | 1                          | 1                          | 1                         |
|    | Jadeweserport                          | Bremen Hbf                           | 215                                   | ER20           |  | 1                          | 1                         | 1                           | 1                           | 1                             | 1                          | 1                          | 1                          | 1                         |
|    | Speckenbüttel                          | Bremen Hbf                           | 55                                    | 155            |  | 1                          | 1                         | 1                           | 1                           | 1                             | 1                          | 1                          | 1                          | 1                         |
|    | Bremen Hbf                             | Seelze Mitte                         | 100                                   | 155            |  | 1                          | 1                         | 1                           | 1                           | 1                             | 1                          | 1                          | 1                          | 1                         |

# Harmonization of CID BOOK 4

## Procedures for Capacity and Traffic Management

### 1 Introduction

This CID Book 4 describes the procedures for capacity allocation by the Corridor One-Stop-Shop (C-OSS established by the Management Board (MB) of Corridor [Corridor name] consisting of IMs / ABs as they are [name of the IMs/ABs]). Planned Temporary Capacity Restrictions (TCRs) and Traffic Management.

All rules concerning applicants, the usage of the C-OSS and its products - Pre-Arranged Paths (PaP) and Reserve Capacity (RC), - and how to order them are explained here. The processes, provisions and steps related to PaPs and RC refer to the Regulation (EU) 913/2010 and are valid for all applicants. For all other issues, the relevant conditions presented in the Network Statements of the Infrastructure managers concerned (IMs) / Allocation bodies (ABs) are applicable.

This document undergoes a yearly revision and is updated before the start of the yearly allocation process for PaPs. Changes in the legal base of this document (e.g. changes in EU regulations, Framework for Capacity Allocation or national regulations) will be implemented with each revision. Any changes during the running allocation process will be communicated directly to the applicants by publication on the RFC's website.

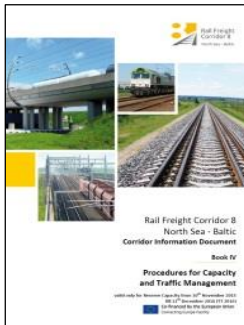
For a better understanding and to respect particularities of one or some Rail Freight Corridors (RFCs), the common procedures are always written at the beginning of a chapter. The particularities of RFC X are placed under the common texts and marked as shown below.

Logo of the corridor

The RFC-specific parts are displayed in this frame with the RFC logo on the top. The frame shall have an RFC-specific colour for better visibility.

Each RFC has still his own CID Book 4 with their individual layout **BUT** for all Book 4 the text which is not displayed in a “box” is the same for each RFC.

RFC specific parts are displayed in a “box” with the RFC logo on the top



So let's discuss about it:

**What's your opinion about our offer and do you request PaPs for TT2018?**



**THANK YOU FOR A CONSTRUCTIVE DISCUSSION !**

[www.rfc-northsea-baltic.eu](http://www.rfc-northsea-baltic.eu)