



# Impact sheets for selected major Temporary Capacity Restrictions (TCR)

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# Impact sheets for selected major Temporary Capacity Restrictions (TCR)

## Foreword

On RFC North Sea – Baltic we introduced in 2018 the **TCR Impact sheets** to present in one glance general and important information about upcoming TCRs in the next years. These impact sheets highlight **some infrastructure works which have a big impact** on international rail freight traffic along RFC North Sea – Baltic.

These impact sheets are updated twice a year and can be found under

<https://rfc8.eu/customer/temporary-capacity-restrictions/>

On the next slides we go a bit deeper on some TCRs with significant impact which will take place in 2022.

## Disclaimer:

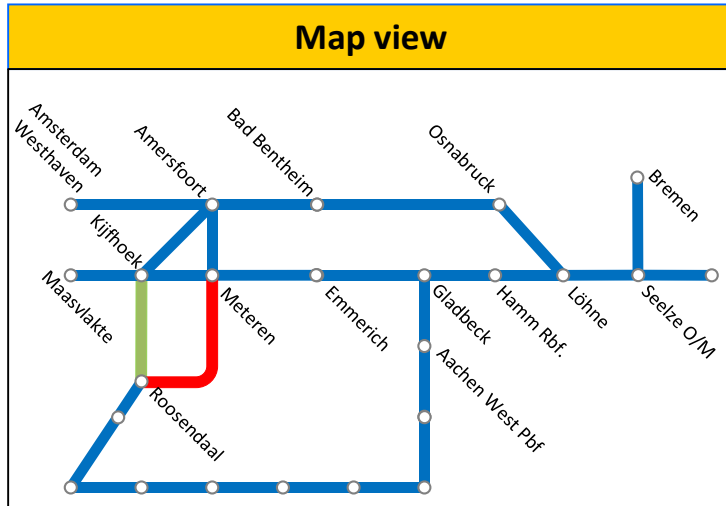
The content of this document has been compiled with meticulous care based on information available at the publication date. However we cannot assume any liability for accuracy and accept no liability for damages suffered as a result of defects of this document.

For detailed and complete customer information we kindly refer to the information which is available via the involved national Infrastructure Managers.



# Impact of a major TCR in 2023 at ProRail

## Section Roosendaal - Meteren



### Impact on International Rail Freight

- percentage of rerouting or cancellation:
  - 100% rerouted
- extra running time for freight trains:
  - 30 -90 minutes
- Deviations:
  - Roosendaal/Kijfhoek/Amersfoort
  - Roosendaal/Arnhem/Deventer/ Bad Bentheim
- Restrictions in train parameters: no
- Restriction in container profiles: no

### Major Capacity Restriction

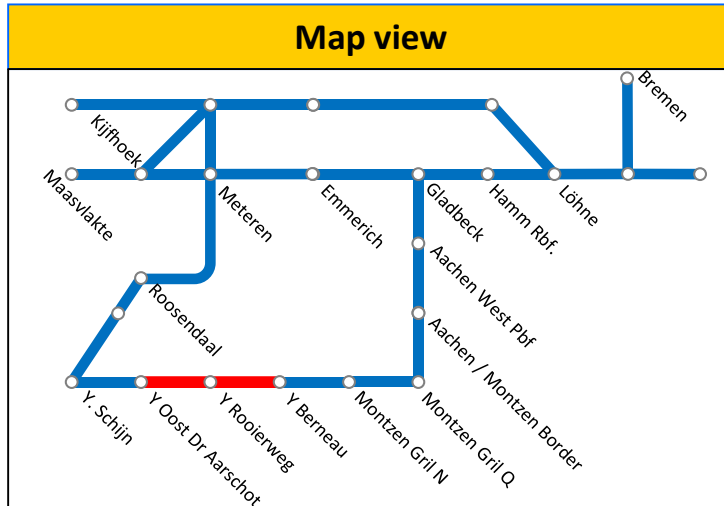
**Location:** Zaltbommel - Culemborg

**Type:**

- Total closure
- Period: continuous closure 15.07.2023 – 20.07-2023
- Works: Upgrade and renewal infrastructure, preparation of new connection to Betuweroute
- Benefit for RUs when the works are finalized:**  
New connection Betuweroute (2030) increasing possibilities in routing and increasing capacity between Rotterdam and Germany  
<https://www.youtube.com/watch?v=hHEnz8Yho94>
- Impact on freight traffic during TCRs:**  
Transit trains have to take an alternative route within NL to the same Belgian and German borders
- When coordination takes place with neighboring IMs and RUs?**  
Coordination with DB Netz and Infrabel took place in 2020 and 2021 to avoid bottlenecks. In the same time RUs were consulted via national consultation platforms
- When and how do RUs receive alternative timetable for the trains that were planned for the infected running days?**  
Draft at 16 weeks before the works take place;  
Final at 4 weeks before the works take place

# Impact of a major TCR in 2023 at Infrabel

## Section Antwerpen- Montzen



### Impact on International Rail Freight

- percentage of rerouting or cancellation: 100 % rerouted
- extra running time for freight trains: 30 to 40 minutes
- Deviations:
  - L24/1-L40-L36A-L36
- Restrictions in train parameters: no
- Restriction in container profiles: PC 60-380

### Major Capacity Restriction

**Location: Glons - Hasselt**

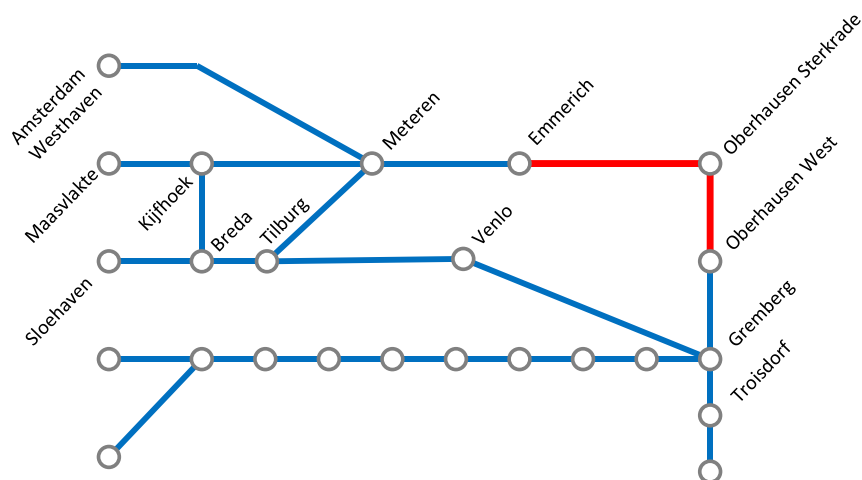
**Type:**

- Total closure
- Period: continuous closure 01.04.2023 (06:00) – 17.04.2023 (4:00)
- Works: Signalling ETCS
- **Benefit for RUs when the works are finalized:**  
Increased capacity and safety when ETCS becomes operational (end of 2025)
- **Impact on freight traffic during TCRs:**  
Transit trains have to take an alternative route within BE between the German border and Antwerpen
- **When coordination takes place with neighboring IMs and RUs?**  
Coordination with DB Netz and Prorail took place in 2020 and 2021 to avoid bottlenecks. In the same time RUs were consulted via national consultation platforms
- **When and how do RUs receive alternative timetable for the trains that were planned for the infected running days?**
  - Draft at 12 weeks before the works take place
  - Final at least 4 weeks before the works take place

# Impact of TCR TT 2023 at DB Netz AG

## Section Emmerich Border - Oberhausen Main Station

### Map view



### Impact on International Rail Freight c

- Cancellations: Yes
- Deviations: Yes
- Estimated extra running time: Detailed information on extra running time is distributed by DB Netz individually for every customer for each affected train. Additionally DB Netz offers train path advice free of charge
- In annual timetable: No

### Major Capacity Restriction

- Emmerich Border - Oberhausen Main Station
- Type: Total Closure, Single Track Operation
- Period: Feb –Dec. 2023 (& 2024 ff.)
- Type of works: Track & Rail, Bridge, Catenary, Switch, Miscellaneous

### 2023 Calendar

Single track operation Total closure

January						
Su	Mo	Tu	We	Th	Fr	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

February						
Su	Mo	Tu	We	Th	Fr	Sa
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28				

March						
Su	Mo	Tu	We	Th	Fr	Sa
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12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

April						
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9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

May						
Su	Mo	Tu	We	Th	Fr	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

June						
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				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

July						
Su	Mo	Tu	We	Th	Fr	Sa
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

August						
Su	Mo	Tu	We	Th	Fr	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

September						
Su	Mo	Tu	We	Th	Fr	Sa
						1
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16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

October						
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15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

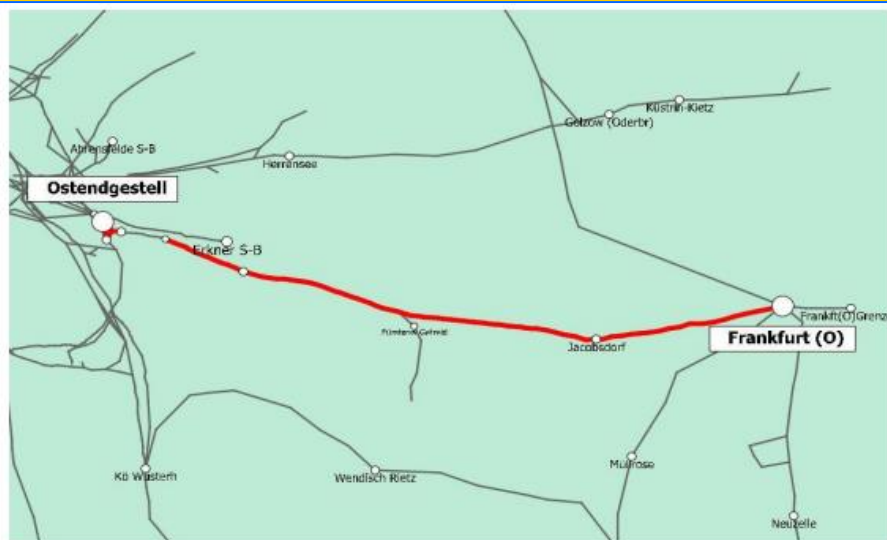
November						
Su	Mo	Tu	We	Th	Fr	Sa
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

December						
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						1
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9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

# Impact of TCR TT 2023 at DB Netz AG

## Section Berlin Ostbahnhof – Frankfurt (Oder)

### Map view



### Impact on International Rail Freight c

- Cancellations: Yes
- Deviations: Yes, e.g. via Cottbus – Berlin-Grünau – Eichgestell / Cottbus – Wünsdorf-Waldstadt – Diedersdorf
- Estimated extra running time: Detailed information on extra running time is distributed by DB Netz individually for every customer for each affected train. Additionally DB Netz offers train path advice free of charge
- In annual timetable: No

### Major Capacity Restriction

- Erkner – Fangschleuse – Fürstenwalde(Spree)
- Type: Total Closure, Single Track Operation
- Period: March – May 2023
- Type of works: Track & Rail, Bridge, Switch, Miscellaneous

### 2023 Calendar

Single track operation Total closure

January						
Su	Mo	Tu	We	Th	Fr	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

February						
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5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28				

March						
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12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

April						
Su	Mo	Tu	We	Th	Fr	Sa
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23	24	25	26	27	28	29
30						

May						
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7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

June						
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				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

July						
Su	Mo	Tu	We	Th	Fr	Sa
						1
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16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

August						
Su	Mo	Tu	We	Th	Fr	Sa
			1	2	3	4
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12	13	14	15	16	17	18
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26	27	28	29	30	31	

September						
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October						
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22	23	24	25	26	27	28
29	30	31				

November						
Su	Mo	Tu	We	Th	Fr	Sa
			1	2	3	4
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12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

December						
Su	Mo	Tu	We	Th	Fr	Sa
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					



# Impact of TCR TT 2023 at PKP PLK

## Section Korsze Towarowa – Ełk Towarowy

### Map view



### Impact on International Rail Freight

- percentage of rerouting or cancellation: 100% rerouting due to total line closure
- extra running time for freight trains: tbd
- deviation: via Olsztyn – Szcztyno – Ełk
- timetable: TT 2023 - 2025
- no restrictions in train parameters

### Major Capacity Restriction

Location: Korsze Towarowa – Giżycko

Type:

- Total Line Closure, see calendar
- Renewal Works: Track & Rail, Catenary, Telecommunications, Signalling
- Duration: Continuous

### Section Korsze Towarowa - Ełk Towarowy

Works : Renewal

Single track operation

Total closure

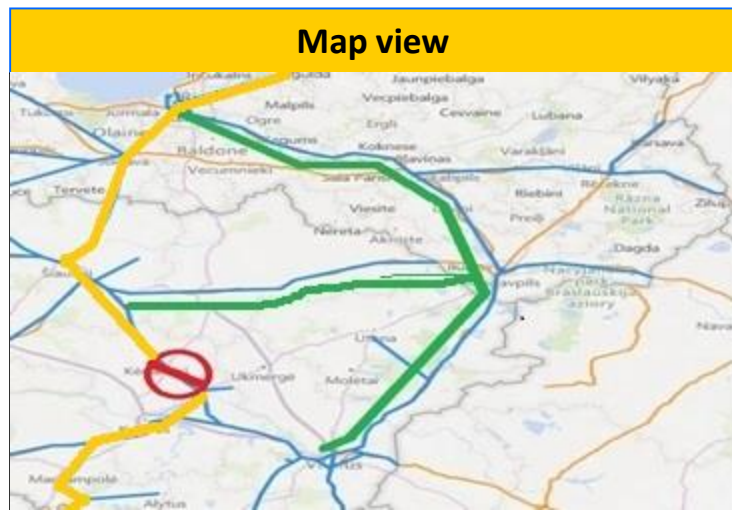
January							February							March							April											
KW	Mo	Di	Mi	Do	Fr	Sa	So	KW	Mo	Di	Mi	Do	Fr	Sa	So	KW	Mo	Di	Mi	Do	Fr	Sa	So	KW	Mo	Di	Mi	Do	Fr	Sa	So	
1			1	2	3	4	5	5						1	2	9							1	14				1	2	3	4	5
2	6	7	8	9	10	11	12	6	3	4	5	6	7	8	9	10	2	3	4	5	6	7	8	15	6	7	8	9	10	11	12	
3	13	14	15	16	17	18	19	7	10	11	12	13	14	15	16	11	9	10	11	12	13	14	15	16	13	14	15	16	17	18	19	
4	20	21	22	23	24	25	26	8	17	18	19	20	21	22	23	12	16	17	18	19	20	21	22	17	20	21	22	23	24	25	26	
5	27	28	29	30	31			9	24	25	26	27	28	29		13	23	24	25	26	27	28	29	18	27	28	29	30				
																14	30	31														

May							June							July							August										
KW	Mo	Di	Mi	Do	Fr	Sa	So	KW	Mo	Di	Mi	Do	Fr	Sa	So	KW	Mo	Di	Mi	Do	Fr	Sa	So	KW	Mo	Di	Mi	Do	Fr	Sa	So
18						1	2	3	23	1	2	3	4	5	6	7	27						1	31							
19	4	5	6	7	8	9	10	24	8	9	10	11	12	13	14	28	6	7	8	9	10	11	12	32	3	4	5	6	7	8	9
20	11	12	13	14	15	16	17	25	15	16	17	18	19	20	21	29	13	14	15	16	17	18	19	33	10	11	12	13	14	15	16
21	18	19	20	21	22	23	24	26	22	23	24	25	26	27	28	30	20	21	22	23	24	25	26	34	17	18	19	20	21	22	23
22	25	26	27	28	29	30	31	27	29	30						31	27	28	29	30	31			35	24	25	26	27	28	29	30
																								36	31						

September							October							November							December											
KW	Mo	Di	Mi	Do	Fr	Sa	So	KW	Mo	Di	Mi	Do	Fr	Sa	So	KW	Mo	Di	Mi	Do	Fr	Sa	So	KW	Mo	Di	Mi	Do	Fr	Sa	So	
36			1	2	3	4	5	40								44							1	48								
37	7	8	9	10	11	12	13	41	5	6	7	8	9	10	11	45	2	3	4	5	6	7	8	49	7	8	9	10	11	12	13	
38	14	15	16	17	18	19	20	42	12	13	14	15	16	17	18	46	9	10	11	12	13	14	15	50	14	15	16	17	18	19	20	
39	21	22	23	24	25	26	27	43	19	20	21	22	23	24	25	47	16	17	18	19	20	21	22	51	21	22	23	24	25	26	27	
40	28	29	30					44	26	27	28	29	30	31		48	23	24	25	26	27	28	29	52	28	29	30	31				
																49	30								53							

# Impact of a major TCR in 2023 at LTG Infra

## Section Žeimiai-Lukšiai



### Impact on International Rail Freight

- percentage of rerouting or cancellation:
  - 10-15 % cancelled, rerouting via deviation line depends on the traffic volumes
- Deviations:
  - Vilnius-Turmantas-LV-Rokiškis-Radviliškis
- Restrictions in train parameters: no
- Restriction in container profiles: no

### Major Capacity Restriction

**Location:** Žeimiai - Lukšiai

**Type:**

- Partial closure
- Period: continuous closure 31.01.2023 – 01.12.2023
- Works: Catenary installation
- Benefit for RUs when the works are finalized:**
  - Electric traction
  - Heavier trains
  - Shorter running times
- Impact on freight traffic during TCRs:**
  - 10-15 % trains is expected to be cancelled
  - rerouting possible via Vilnius-Turmantas-Latvia (Daugavpils)-Rokiškis-Radviliškis but necessity depends on the future traffic volumes
- When coordination takes place with neighboring IMs and RUs?**
  - Before planning the works it was agreed with LDz to keep the deviation line open
  - Coordination with LDz about rerouting trains will take place, when exact number of affected trains will be known. The same with RUs.
- When and how do RUs receive alternative timetable for the trains that were planned for the infected running days?**
  - Draft 2 months prior to the first day of works
  - Final 1 month prior to the first day of works