

## Guide for Path Request processing between X-7.5 and X-8 by the C-OSS Managers

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## 1. Aim of the guide

In order to help the C-OSS Managers' work between X-7.5 and X-8 (pre-booking for New Path Request process) and their tasks further on, this documentation should contain a summary about the possible actions in PCS with the dossiers and requests and these actions' result, impact on the process, IMs, Applicants, other RFCs.

## 2. Process

When an Applicant requests at least one PaP in a dossier, instead of Path Request or Path Elaboration, the dossier goes first to Pre-Booking phase. In this phase, PCS creates a dedicated area for the C-OSS managers, the C-OSS TT, and it copies there the content of the Applicant TT. Coordinating C-OSS users (those who published the PaPs) have editing rights on their own timetable version (PaP sections) in the following phases:

- Alternative Offer Reserved: after doing the conflict resolution the C-OSS user replaced the original PaP with an alternative and reserved it for the Applicant
- Alternative Offer Created: after doing the plausibility check the C-OSS user recognized a problem and he/she fixes minor issues in the timetable. Editing possibilities on the PaP path sections and intermediate path sections on their corridor are the following:
  - Arrival and departure times (actual/earliest/latest)
  - Dwell time
  - Catalogue path number
  - Train number
  - Common train parameters
  - Path section level parameters
  - Conditions:
    - The same rule applied as for IMs editing times of PaP path sections (e.g. regular Flex PaP point)
    - C-OSS can add intermediate PaP path section or remove existing that was created by the Applicant
    - C-OSS can edit managed by PCS subsidiaries
    - **PaP must be reserved**

### The Alternative offer branch



### Alternative Offer Reserved

The dossier with this status has Alternative PaP inserted in the C-OSS timetable that should be accepted by impacted Applicant's. In this phase, the C-OSS have edit access to the C-OSS timetable.

### Alternative Offer Created

In this phase, the C-OSS have edit access to the C-OSS timetable

### Alternative Offered

C-OSS promotes the dossier to this phase once the changed C-OSS timetable is ready to be sent to the Applicants for acceptance of the modified Path Request.

### Alternative Offer Accepted

The modification to the Path Request has been reviewed and accepted by impacted Applicant's and has been promoted by leading Applicant.

### Alternative Offer Rejected

The modification to the Path Request has been reviewed and rejected by one of the impacted Applicant's and has been promoted by leading Applicant.

### The C-OSS transitions

- Pre-Booking → Alternative Offer Reserved: not available in Control (only in Path Request details via alternative PaP search), triggered by Alternative PaP selected by C-OSS user

- Pre-Booking → Alternative Offer Created: via Control. No changes to C-OSS traffic lights (remains green)
- Withdraw Alternative Offer (Alternative Offer Reserved/Alternative Offer Created → Pre-Booking): reset C-OSS lights
- Proceed to Pre-Booking (Alternative Offer Accepted/Rejected → Pre-Booking)
- Submit Alternative Offer Alternative Offer Reserved/Created → Alternative Offered: reset impacted Applicant traffic lights, all PaP requests must be in status category "Reserved"

### **Alternative offer Applicant acceptance**

- Applicants are notified by e-mail
- Applicants can find the dossiers under "My Unresolved" filter as the status of the alternative offer acceptance will be handled with traffic light
- Comparison view is provided, but the decision should be handled via Control. Each involved Applicant in the Alternative offer will need to set their light to green for accepting or red for rejecting the alternative offer.
- All lights are green → Leading Applicant can promote the dossier to Alternative Accepted
- At least one light is red → Leading Applicant can promote the dossier to Alternative Rejected

### **Undo Alternative Offer**

- Alternative Offer Reserved:
  - The original PaP(s) should be inserted in the dossier again
  - All PaP request should be re-requested
  - The state might be different in case initial PaP is not available anymore
- Alternative Offer Created:
  - No changes in PaP requests and reserved capacity
  - Only the C-OSS timetable should be replaced with one from the first version in Pre-Booking phase
- Notification:
  - An applicant receives an e-mail notification if C-OSS withdraws the Alternative Offer

## **Actions in Pre-Booking and Alternative Offer Branch**

### **2.1 Select PaP sections in PaP request details view**

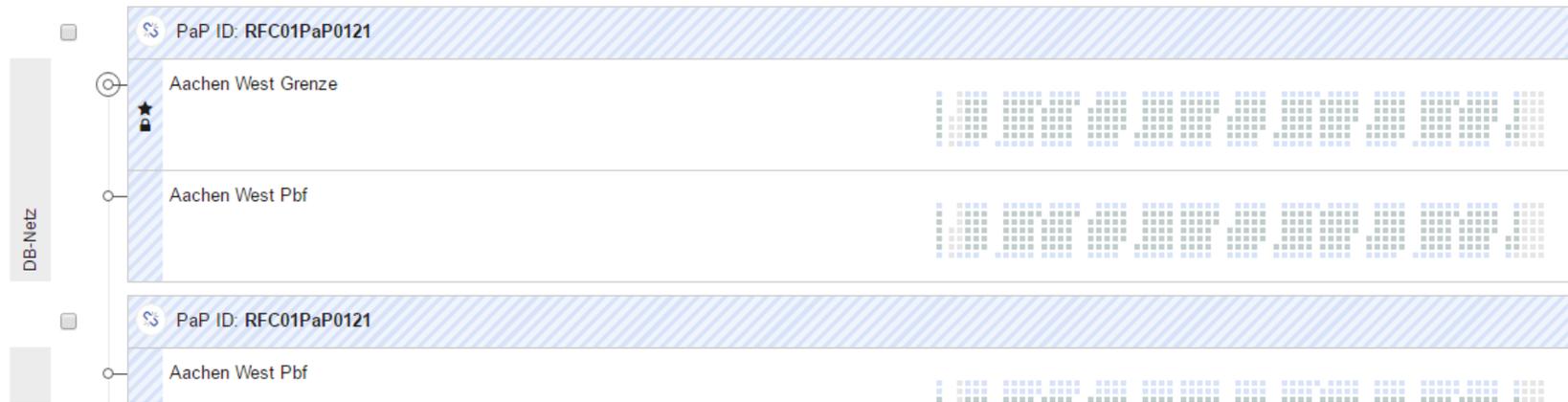
- Select all PaP sections: user can select all PaP sections in one step

- Requested
- Reserved
- Conflict
- Tailor made
- Waiting for alternative
- Not available
- Reserved alternative
- Alternative offered
- Alternative rejected
- Alternative accepted
- Dossier reference calendar

[← Back to dashboard](#)

Conflict candidate 3

Distance: 596.78 Requested days: 260



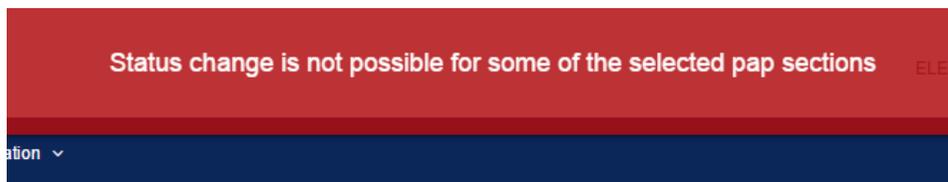
- Select PaP sections one by one: user can also select a single PaP section and do a certain action only with that

Distance: 596.78 Requested days: 260

After the selection from the drop-down list at the top of the screen the following possibilities can be selected.

### 2.1.1 Reserve PaP

- Selected PaP sections would be reserved for the customer
- If there isn't any section marked already as "Tailor-made", then it will be possible to undo the reservation and change the selected sections back to "Requested".
- If some of the section could not be marked as reserved for some reasons (e.g. section is waiting for an alternative), then the system will indicate it with an error message.



- If the dossier's last PaP section was requested as tailor-made or the dossier was already forwarded to the IMs for a timetable, it is not possible to undo the reservation

- Mark as reserve is possible for the following statuses:
  - Requested
  - Conflict

## 2.2 Reserve alternative PaP

In case of a conflict, when a dossier has lower priority, it is possible for the C-OSS Manager to search and reserve an alternative PaP.

- Searching for alternative PaPs is possible only for those PaP section that is in "Waiting for alternative"
- Alternative search and reservation is possible for one PaP section in one time
- PaP section should be selected as it is shown above and "Search alternative" should be selected too
- After the selection the PaP search window appears with additional information with the original PaP section

Alternative offer for dossier: RFC 3 second

The screenshot displays a search interface for alternative PaPs. The search criteria are as follows:

- Timetable period:** 2017
- Type of pre-constructed product:** RFC pre-arranged paths (PaPs) 1 ✓
- Train type:** Cargo
- Catalogue Path Number:** (empty)
- PaP ID:** (empty)
- Direction:** Start type 0 \*
- RFC corridor:** Scandinavian-Mediterranean 1 ✓
- RFC Dossier type:** All

The search results area shows: "No results matched your search." A "Preview alternative offer" button is located at the bottom right of the search results area.

- PaPs cannot be selected as an alternative offer, if:
  - Alternative PaP belongs to another RFC

If an alternative PaP results an offset in the timetable, PCS will clean the timings from those locations to avoid the offsets. In this case the C-OSS user shall ask the PCS Support to repair the timetable.

After the selection PCS will adjust the running days of the alternative PaP according to the request and it will give a preview of the timetable with the alternative PaP.

In case of a mistake and wrong alternative PaP reservation the user has the possibility to change the status of the PaP back to the original situation:

- Select the PaP section
- Mark as requested

## 2.3 Request tailor-made solution

Request tailor-made solution is possible for the whole dossier or only for one PaP section.

- Request tailor-made for a single PaP section is possible only, if the dossier doesn't have managed by PCS subsidiaries (combined PaP/Tailor-made solution)
- If the user selects tailor-made for the last PaP section of the dossier that was not marked as reserved, then the dossier will be forwarded automatically to the IMs. User does not need to press the forward button in this case.
- If a PaP section was marked as "Tailor-made", then it is not possible to undo the selection. The system will give an error message that status change is not possible for some of the selected pap sections.

That is why **it is recommended** that the **tailor-made solution** of the whole dossier or only sections **should be the last step of the pre-allocation process**

## 2.4 Forward to IMs for a timetable

There are cases when the RFC user cannot send the draft offer alone without the involvement of the IMs. Such cases:

- Flex PaP exists in the dossier
- The dossier has Combined PaP/Tailor-made solution and subsidiary timetable for the not available days
- Feeder or outflow path section exists in the dossier

Forwarding to the IMs for a timetable is possible, if every PaP is handled (reserved) by the RFC marked as "Reserved" or alternative offer was accepted. If the dossier's PaP sections were marked as reserved and one of them was marked as tailor-made, then it is not necessary anymore to forward the dossier to the IMs for a timetable as they received it already, because of the tailor-made request. Even if the tailor-made request is not defined for all the IMs.

Forwarding is done by a phase promotion in Control, C-OSS user needs to promote the dossiers to Path Elaboration. After sending the dossier to the IMs in Path Elaboration, the acceptance indicator of the C-OSS is downgraded to blue.

## 3. The indication of Combined PaP/Tailor-made solution (subsidiaries with not available days)

In several places:

- Dossier details
- PaP request preview on the Dashboard
- PaP request details

PCS indicates, if the PaP was requested only on its available days, or subsidiary timetable was created to cover the requested, but not published running days. This indication is done with stripes. Please check the following examples with the same PaP.

In the first case there is a PaP that has subsidiary timetable behind for the not available days.

Arrival	Departure			
PaP ID: RFC01PaP0214				
14:30		MILANO SM RFI SpA Commercial stop	Path no:	PA
14:42	14:42	MILANO GRECO PIRELLI RFI SpA Commercial stop	Path no:	PA
15:32		CHIASSO SM RFI SpA Commercial stop	Path no:	PA

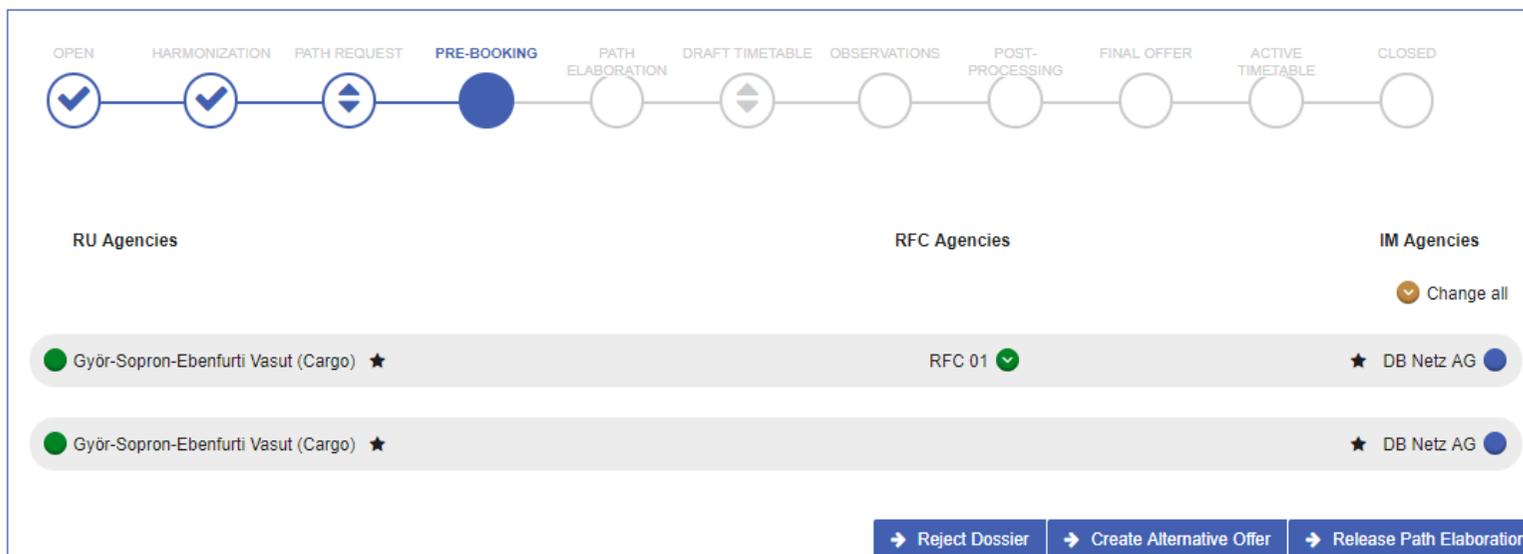
In the second case the PaP is available on all days of the particular timetable.

Arrival	Departure			
PaP ID: RFC01PaP0214				
14:30		MILANO SM RFI SpA Commercial stop	Path no:	PAP11736
			Catalogue pat...	PAP11736
14:42	14:42	MILANO GRECO PIRELLI RFI SpA Commercial stop	Path no:	PAP11736
			Catalogue pat...	PAP11736
15:32		CHIASSO SM RFI SpA Commercial stop	Path no:	PAP11736
			Catalogue pat...	PAP11736

This stripe indication is valid for Flex and Fix PaP on the same way.

## 4. Dossier promotion

After the reservation and the pre-booking period, the acceptance indicators of the RFCs should be changed to green. In case there is a need for the involvement of the IMs (forward to IMs for timetable as it is written above) their acceptance indicator is blue originally. IMs have to process the dossier and fulfil the timetable and set their lights to green. Until the IMs don't set their lights to green it is not possible to promote the dossier to the next phase (Draft Offer or Final Offer), only if the RFC chooses the option of a partial offer.



In case of cross-corridor requests, each involved RFC has the option to submit the Draft or the Final Offer, if all the lights are green. Submitting partial offer is also possible for each involved RFC in case of a cross corridor request, when not every IMs' light is green.

General deadline based dossier promotion is also done by PCS according to the PCS Process Guidelines.

## 5. PAMT Search

This is a new search possibility for RFC Managers and it is located under the Pre-constructed Products. Formerly for KPI calculation and for conflict resolution, the PCS Support generated manually the [PAMT report](#). The detailed requirement can be also found under the referenced change request.

Since version 1.8.1.1 the PAMT search and report is integrated to PCS. The search gives a basic result with a limited number of columns, but the user is able to generate the report from the result.

### 5.1 Search possibilities

General PaP search possibilities are provided there such as:

- Timetable period
- Train type
- PaP ID
- Direction
- RFC corridor
- RFC Dossier type

Pre-constructed Products / PAMT Search

Timetable period: 2018 | Train type: Cargo | PaP ID:  | Direction: Start typing... 0 | RFC corridor: Start typing... 0 | RFC Dossier type: Fix PaP, Flex PaP 2 | [Search](#) | [Reset fields](#)

Show PAP dossiers: All |  Show pap requests | Allocation statuses: Start typing... 0

However, some specific fields have been also added:

- Show PaP dossiers:
  - All: every published PaP dossier will be listed there according to the above written and defined search criteria
  - With requests only: only those PaP dossiers will be listed there that have been requested in a dossier according to the above written and defined search criteria
- Show PaP requests: this is a check-box that has an influence on the outlook of the results. If the check-box is not selected, PCS will list the PaPs in a normal view, each PaP in a row. However when the check-box is selected, the user can see which dossiers are containing the particular PaP. In this case the recommended setting is to select with requests only PaP dossiers.

<input type="checkbox"/>	Calendar	ID	PaP ID	Direction	Flex/Fix PaP	Dossier name	Origin	Destination
<input type="checkbox"/>	(1-7)	149787	RFC08PaP0100	E-W		Praha-Decin st.hr.-99874	Praha-Libeň	Děčín st.hr.
<input type="checkbox"/>	(1-5)	149918	RFC08PaP0100	E-W		Montzen Fr-Montzen Gril Q-68000	MONTZEN-FRONTIERE	MONTZEN-GRIL Q
<input type="checkbox"/>	(1-5)	149928	RFC08PaP0100	E-W		Montzen Gril Q-Y Berneau-68000	MONTZEN-GRIL Q	Y.BERNEAU
<input type="checkbox"/>	(1-5)	149938	RFC08PaP0100	E-W		Y Berneau-Bilzen Wijkspoor-68000	Y.BERNEAU	BILZEN-WIJKSPOOR
<input type="checkbox"/>	(1-5)	149948	RFC08PaP0100	E-W		Bilzen Wijkspoor-Y Oost Dr Aarschot-68000	BILZEN-WIJKSPOOR	Y.OOST DRIEHOEK AARSCHOT
<input type="checkbox"/>	(1-5)	149958	RFC08PaP0100	E-W		Y Oost Dr Aarschot-Y.Schijn-68000	Y.OOST DRIEHOEK AARSCHOT	Y.SCHIJN
<input type="checkbox"/>	(1-7)	149778	RFC08PaP0101	W-E		Decin st.hr.-Praha-99869	Děčín st.hr.	Praha-Libeň

<input type="checkbox"/>	Calendar	ID	PaP ID	Direction	Flex/Fix PaP	Dossier name	Origin	Destination
<input checked="" type="checkbox"/>	(1-7)	149778	RFC08PaP0101	W-E		Decin st.hr.-Praha-99869	Děčín st.hr.	Praha-Libeň

<input type="checkbox"/>	Calendar	ID	Dossier name	Origin	Destination	Status
<input type="checkbox"/>	(1-7)	149986	Test_RFC8 Schijn Montzen	Y.OOST DRIEHOEK AARSCHOT	Praha-Libeň	Reserved
<input type="checkbox"/>	(1-7)	149995	Test Group FM	Y.SCHIJN	Praha-Libeň	Conflict
<input type="checkbox"/>	(1-7)	149997	test_RFC8 Belgien/CZ	Y.OOST DRIEHOEK AARSCHOT	BUDAPEST-DELI	Waiting for alternative

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In addition the user can view the PaP request details of a dossier.

Calendar	ID	PaP ID	Direction	Flex/Fix PaP	Dossier name	Origin	Destination
(1-7)	149778	RFC08PaP0101	W-E		Decin st.hr.-Praha-99869	Děčín st.hr.	Praha-Libeň

Calendar	ID	Dossier name	Origin	Destination	Status
(1-7)	149986	Test_RFC8 Schijn Montzen	Y.OOST DRIEHOEK AARSCHOT	Praha-Libeň	Reserved

Arrival	Departure	PaP ID	Requestor	Date	State
	23:00	Y.OOST DRIEHOEK AARSCHOT - BILZEN-WIJKSPOOR	DBSR-D	14.02.2017	Reserved
	23:49	BILZEN-WIJKSPOOR - Y.BERNEAU	DBSR-D	14.02.2017	Reserved
	00:26	Y.BERNEAU - MONTZEN-GRIL Q	DBSR-D	14.02.2017	Reserved
	01:05	MONTZEN-GRIL Q - MONTZEN-FRONTIERE	DBSR-D	14.02.2017	Reserved
19:51	16:12	Děčín st.hr. - Praha-Libeň	DBSR-D	14.02.2017	Reserved

If the user wants to see every details of the results in the PAMT format, he should select the PaPs and dossiers that he would like to include in the report and then press the "Generate PAMT report" button. The report generation takes some time, but it works exactly the same way as the usual PCS reports. It runs in the background and the user gets a notification in e-mail, when the report is ready. The report can be downloaded from the reporting area. The PAMT table includes the columns that are specified in the requirement.

	Calendar	ID	PaP ID	Direction	Flex/Fix PaP	Dossier name	Origin	Destination
<input checked="" type="checkbox"/>	(1-7)	149778	RFC08PaP0101	W-E		Decin st.hr.-Praha-99869	Děčín st.hr.	Praha-Libeň
<input checked="" type="checkbox"/>	(1-7)	149867	RFC08PaP0101	W-E		Y.Schiijn-Essen-Grens-68206	Y.SCHIJN	ESSEN-GRENS

## 6. Conflict Solving Tool

CST is the abbreviation of the Conflict Solving Tool and it is available for RFC users only and can be found in under the Pre-Constructed Products menu. Formerly it was generated to macro based Excel by the PCS Support, but since version 1.8.1.1 it is integrated to PCS.

### 6.1 User interface

CST works basically with the PaP ID search. User shall define the PaP ID and PCS will list every PaP belonging to that PaP ID with all the dossiers that have request for at least one PaP section of the particular PaP ID. This view can show the existing conflicts on the PaP ID and makes the conflict resolution task for the C-OSS Managers easier.

Users have the following options to search:

- PaP ID (free text)
- Timetable Period

CST Tool Search is done according to entered PaP ID. It returns all **Pap Dossiers** that have that PaP ID and are used in dossiers (Sorting of the Pap Dossiers is same as in Pap Search). In **Summary line** are listed dossiers that use returned PaP Dossiers and in **Pap requests list** are shown pap requests that are from shown PaP dossier and belong to presented dossier. The whole route of the dossier is not shown, only PaP requests that are from searched pap dossiers are shown.

PaP ID  
RFC08PaP0101

Timetable period  
2018

Search

Mark selected as

Test\_RFC8 Schijn Montzen

Dossier id: 149986  
Reference point: Y.OOST DRIEHOEK AARSCHOT  
Feeder:  
Outflow:  
Int. Train No.:  
K-Value Section: 7,780.57  
K-Value Net PaP: 1,727.82  
K-Value Total Dossier: 7,780.57  
Pap Distance: 250.99  
NetPap Distance: 55.74  
Running Days: 31

Test Group FM2

Dossier id: 150002  
Reference point: Y.BERNEAU  
Feeder:  
Outflow:  
Int. Train No.: 45456  
K-Value Section: 49.73  
K-Value Net PaP: 49.73  
K-Value Total Dossier: 49.73  
Pap Distance: 24.87  
NetPap Distance: 24.87  
Running Days: 2

test\_RFC8 Belgien

Dossier id: 150000  
Reference point: Y.OOST DRIEHOEK AARSCHOT  
Feeder: ROTTERDAM AANSL ZUID  
Outflow:  
Int. Train No.:  
K-Value Section: 6,538.35  
K-Value Net PaP: 3,399.90  
K-Value Total Dossier: 6,538.35  
Pap Distance: 107.19  
NetPap Distance: 55.74  
Running Days: 61

Test Group FM

Dossier id: 149995  
Reference point: Y.SCHIJN  
Feeder:  
Outflow: Praha-Libeň  
Int. Train No.: 45455  
K-Value Section: 7,138.86  
K-Value Net PaP: 1,672.08  
K-Value Total Dossier: 7,138.86  
Pap Distance: 237.96  
NetPap Distance: 55.74  
Running Days: 30

test\_RFC8 Belgien/CZ

Dossier id: 149997  
Reference point: Y.OOST DRIEHOEK AARSCHOT  
Feeder:  
Outflow: BUDAPEST-DELI  
Int. Train No.:  
K-Value Section: 7,780.57  
K-Value Net PaP: 1,727.82  
K-Value Total Dossier: 7,780.57  
Pap Distance: 250.99  
NetPap Distance: 55.74  
Running Days: 31

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<input type="checkbox"/> Děčín st.hr. - Praha-Libeň Departure: 16:12 Arrival: 19:51 PaP ID: RFC08PaP0101 Pap Distance: 143.80 Running Days: 364	<input checked="" type="checkbox"/> Děčín st.hr. - Praha-Libeň Reserved Departure: 16:12 Arrival: 19:51 DBSR-D	No pap requests for this Path section	No pap requests for this Path section	<input checked="" type="checkbox"/> Děčín st.hr. - Lovosice jih Requested Departure: 16:12 Arrival: 17:43 MWB	<input checked="" type="checkbox"/> Děčín st.hr. - Praha-Libeň Waiting for alternative Departure: 16:12 Arrival: 19:51 MWB
<input type="checkbox"/> Y.SCHIJN - ESSEN-GRENS Departure: 23:25 Arrival: PaP ID: RFC08PaP0101 Pap Distance: 22.40 Running Days: 364	No pap requests for this Path section	No pap requests for this Path section	No pap requests for this Path section	<input checked="" type="checkbox"/> Y.SCHIJN - ESSEN-GRENS Requested Departure: 23:25 Arrival: MWB	No pap requests for this Path section
<input type="checkbox"/> Y.SCHIJN - Y.OOST DRIEHOEK AARSCHOT Departure: 22:02 Arrival: PaP ID: RFC08PaP0101 Pap Distance: 51.08 Running Days: 364	No pap requests for this Path section	No pap requests for this Path section	No pap requests for this Path section	<input checked="" type="checkbox"/> Y.SCHIJN - Y.OOST DRIEHOEK AARSCHOT Requested Departure: 22:02 Arrival: MWB	No pap requests for this Path section
<input type="checkbox"/> Y.OOST DRIEHOEK AARSCHOT - BILZEN-WIJKSPOOR Departure: 23:00 Arrival: PaP ID: RFC08PaP0101 Pap Distance: 51.45 Running Days: 364	<input checked="" type="checkbox"/> Y.OOST DRIEHOEK AARSCHOT - BILZEN-WIJKSPOOR Reserved Departure: 23:00 Arrival: DBSR-D	No pap requests for this Path section	<input checked="" type="checkbox"/> Y.OOST DRIEHOEK AARSCHOT - BILZEN-WIJKSPOOR Reserved Departure: 23:00 Arrival: MWB	<input checked="" type="checkbox"/> Y.OOST DRIEHOEK AARSCHOT - BILZEN-WIJKSPOOR Requested Departure: 23:00 Arrival: MWB	<input checked="" type="checkbox"/> Y.OOST DRIEHOEK AARSCHOT - BILZEN-WIJKSPOOR Waiting for alternative Departure: 23:00 Arrival: MWB

On the left side the system shows the PaPs of the PaP ID with the following information:

- From - To operation point
- Departure/Arrival time
- PaP section distance
- Running days

Then the rest of the screen is assigned to the requests. On the top the general dossier information is presented:

- Dossier title
- Dossier id
- Reference point of the dossier
- Feeder/Outflow information
- International train number
- K values
- Distance and running day summary

In the middle, each PaP section has a block with request information. It can happen that in the dossier there is no request for that PaP, then this is written in the block. When there is a request PCS shows the timetable information, the responsible Applicant and the allocation status. If there are a lot of requests for one PaP ID, it can happen that PCS cannot present every dossier in one screen. This case the user can scroll to the right and check the rest of the requests.

Allocation statuses are shown with the same colour as on the C-OSS Dashboard. C-OSS users have the chance to change the allocation status of the PaP section requests directly on this view. Please note that here only reservation is possible (or undo reservation back to requested). The alternative offer should be handled individually as before.

## 6.2 Distance calculation

	K-Value	NetPaP K-Value	K-Value Total Dossier
Summary	<p>Sum (distance of PaP request)</p> <p>x</p> <p>running day (reference point of the Applicant main timetable)</p>	<p>Sum (distance of NetPaP request)</p> <p>x</p> <p>running day (reference point of the Applicant main timetable)</p>	<p>Sum (K-Value of PaP request)</p>
PaP Requests	<p>Distance</p> <p>x</p> <p>running days (1st path section of the PaP request)</p>	<p>If PaP request is <b>FROM</b> NetPaP dossier</p> <p><b>THEN</b></p> <p>Distance x running days</p>	<p>n.a.</p>

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▼ **Details**

**State:** Published  
**Topic:** [Dossiers](#)  
     [Dossier](#)  
     [Management](#)  
**Area:** [Training](#)  
**Release:** [1.x](#)  
**Company**      [RFC](#)  
**Type:**  
**Keywords:** [pre-allocation](#)  
                 [alternative offer](#)  
                 [tailor made](#)  
                 [reserve](#)  
                 [pamt](#)  
                 [cst](#)  
                 [conflict solving](#)  
                 [conflict solving tool](#)

▼ **Translations**

**No translations**

**Source URL:** <https://cms.rne.eu/pcs/pcs-documentation/guide-path-request-processing-between-x-75-and-x-8-c-oss-managers>