

Action Plan of the Task Force „TT Quality“

Version 1.2 (last changed: 13 June 2017 based on meeting results from 7 June 2017)

No	Measure (description)	Groups involved	Person in charge	Activities including sub-activities	Next steps (timeline)	Reference	Last changed
1	A new deadline two weeks prior to the Technical Meeting will be established, at which the state of play of the paths has to be shared with the C-OSS latest. At the Technical Meeting only pressure points should be discussed.	C-OSS Community S&TT WG	Thomas Vanbeveren (communication method and possible COBRA instruction) Gerald Burgsteiner (Projectplace)	C-OSS have to be aware of the communication method for each IM to share the border information: <ul style="list-style-type: none"> - For the IMs using COBRA: Provide access to Projectplace sharing the COBRA list with the C-OSS (read-only) <ul style="list-style-type: none"> o If required: training on how to read COBRA needs to be conducted - For the IMs using PCS: Provide the information in PCS - For the IMs not using COBRA: <ul style="list-style-type: none"> o Provide information to C-OSS o Border times, calendar and train number and reference to PCS Dossier (minimum information) <p>Evaluation of the results will be done at the C-OSS Community meeting on 13 June 2017 and after the RNE Technical Meeting (19-22 June 2017)</p>	Communication deadline: 6 June 2017 Evaluation of results: 15 September 2017	Evaluation together with measure 6	TTQ Task Force meeting 7 June 2017
2	Overview of IMs using PCS in all phases should be created.	PCS Groups S&TT WG RFC HLG/C-OSS Community (support)	Philipp Koiser Máté Bak	Create survey for IMs (S&TT WG) and RUs (active PCS Users): <ul style="list-style-type: none"> - Current state of play for each phase <ul style="list-style-type: none"> o Is there an attempt to extend PCS usage in the future? - Include the working interfaces - Outlook for further developments in short- and mid-term <ul style="list-style-type: none"> o Fulfilment of TAF TSI in the close future <p>Should be used for prioritizing change requests and to create a PCS Strategy. Should also be used as baseline for IT landscape definition in TTR.</p>	Start of survey: 27 June 2017 Progress report 28 August 2017 Results 29 September 2017		TTQ Task Force meeting 7 June 2017
3	Communication about changes in the complete path offer without impact on the borders until path allocation	S&TT HLG RUAG FTE WG Freight (to be checked)	Philipp Koiser Gerald Burgsteiner Julia Weiss (provide contact from FTE)	<ul style="list-style-type: none"> - Before Draft Offer: No specific information required (no impact on borders) - After Draft Offer: <ul style="list-style-type: none"> o IMs inform the RUs as soon as possible about the need. RUs are asked to agree to the change <ul style="list-style-type: none"> ▪ S&TT Manager will address this in a mail to the S&TT WG and HLG (ensure communication between IMs and RUs (and C-OSS) in case of changes) ▪ Provide also the information about possibilities in PCS. o Changes should be done in post-processing phase (if possible – see Fix PaPs) <ul style="list-style-type: none"> ▪ The PCS release plan will be checked – latest implementation with PaP Product in November 2018 	Mail by 4 July 2017 Feedback from RUAG: 26 September 2017		TTQ Task Force meeting 7 June 2017
4	Communication for modifications/alterations that have no impact on border times has to be ensured between IMs and to the Applicants. Process - including the phases in which this is possible - needs to be defined	TTSG S&TT WG	Philipp Koiser Stéphane Legeay (first description)	Process description: <ul style="list-style-type: none"> - First definition by RNE with SNCF Réseau - Target: Border times to be harmonized until Final Offer - Adaptions should be made possible 	Presentation by Stéphane Legeay to TTSG: 26 September 2017: Definition of process and possible PCS implementation:		TTQ Task Force meeting 7 June 2017

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					31 October 2017		
5	C-OSS participate at the Technical Meeting. IMs have to provide available information to the C-OSS in the course of the meeting.	C-OSS Community	Gerald Burgsteiner	Invitation has been sent out already.	Done: CLOSED		TTQ kick-off 21 March 2017
6	Early exchange of approximate information: C-OSS organizes the information exchange between IMs and points out detected pressure points.	C-OSS Community	All C-OSS	Tailor-made alternatives for PaPs with Feeder/Outflows: <ul style="list-style-type: none"> - Alternative paths have to fit together with the Feeders and Outflows - C-OSS check with IMs the paths concerned and check if the complete offer is harmonized - Evaluate the timeline of the information exchange for the upcoming TT periods and possible counter actions. 	Deadline for exchanging early information: 6 June 2017 Measures for TT 2018 until: 3 July 2017 Evaluation of results: 15 September 2017	Evaluation together with measure 1	TTQ Task Force meeting 7 June 2017
7	Ensure communication between TCR and TT planners mediated by C-OSS before PaP publication.	TCR WG TTSG C-OSS and TCR Coordinators to be involved	Gerald Burgsteiner Thomas Vanbeveren (reporting)	Involvement of C-OSS to connect TCR and TT planning will be part of the TCR WG. TCRs should be reflected in the PaP offer (January 2018) including possible alternatives. <ul style="list-style-type: none"> - Deviations have to be covered in the PaP catalogue - PaPs should be harmonized (complete offer) - TCRs published in the Network Statements should be reflected in the PaP catalogue - C-OSS should provide a platforms to RUs to give feedback on the PaP catalogues. The TCR tool provided by RNE will support this feedback process. Phase “Correction of PaPs” shall be used as well. 	First check (availability of information): 26 September 2017 Inclusion into PaP catalogue: January 2018		TTQ Task Force meeting 7 June 2017
8	In case of alternative offer for lower priority bid: First step to agree on a way to display the differences.	PCS Groups EEC task force	Máté Bak Jorge Campo	To be included in the Empty Envelope concept. A change request has been placed already (CR 1255)	To be included in measure 26 “EEC”: CLOSED	Subject of measures 26 and 23	TTQ Task Force meeting 7 June 2017
9	Promotion of PCS interfaces for all IMs at RFCs (ongoing)			To be included in the PCS Strategy	Merged with measure 17: CLOSED	Subject of measure 17	TTQ kick-off 21 March 2017
10	Future use of COBRA	S&TT WG PCS User Group	Philipp Koiser	Goal: Save time for planners, facilitate path coordination and ensure exchange quick and basic information exchange <ul style="list-style-type: none"> - Can PCS achieve this goal and improve the process? - What about paths not requested in PCS? - Can we avoid redundant work (PCS and COBRA)? First step: Border list export from PCS General: Find an IT solution for quick exchange of information on borders with a good overview per border point in/from PCS (precondition: Single Border Point/EEC)	Creation of proposals to cover the general part until PCS User Group: 13 September 2017		TTQ Task Force meeting 7 June 2017
11	Create capacity bands protected from TCRs in which PaPs are being constructed (test on RFC 4).	RFC4, PCS Groups, TTR	Jacques Coutou Máté Bak (PCS developments)	Pilot on RFC4 for TT 2019 for Spain-France-Germany. Technical publication and request method (PCS) has to be defined. Presentation at next TTQ meeting. The new PaP Product (measure 25) is anticipated to provide the possibility to request paths in capacity bands starting in November	Ongoing Cross-check at the next task force meeting		TTQ Task Force meeting 7 June 2017

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				2018. In the meantime the Flex PaP function is being used for that purpose.			
12	Creation of a TCR tool	TCR WG	Gerald Burgsteiner	Further development according to the TCR WG and ensure RUs' involvement concerning communication	First prototype available: November 2017	Includes MoU measure 8.1	TTQ kick-off 21 March 2017
13	Discontinuation of the Combined PaP/Tailor-made function in PCS – replaced by Empty Envelope concept.	PCS Groups EEC task force	Gerald Burgsteiner/Máté Bak PCS Team	Empty Envelope concept to be released November 2018 Concept will be ready by November 2017. Possible solution for TT 2019: Provide all days in the PaPs and mark those days that are actually not available (e.g. Disclaimer). Non-available days will receive alternative offers in the same dossier.	To be checked by the PCS team and the PCS Technical Board by 30 June 2017 Discontinuation with the EEC: November 2018	Subject of measure 26	TTQ Task Force meeting 7 June 2017
14	IMs should include in their Network Statements that double requests (PCS and national systems) are not allowed. Increase the attractiveness of international tool compared with the national tool from the organizational point of view (addition: Should be included in the FCAs as well)	C-OSS Community RFC HLG S&TT HLG and WG	Philipp Koiser (RFC HLG, S&TT HLG, WG) Thomas Vanbeveren (C-OSS Community) Julia Weiss (MoU)	C-OSS investigate until the next RUAG if IMs demand RUs to request capacity on RFCs (PaP, Feeder and Outflow) in two systems (PCS and national systems) If this is the case: Request the inclusion of the mandatory use of PCS for dossiers containing PaPs in the FCA (t.b.d.) Possible signature by IMs of the MoU/Rule no 1 before and during the HLIM on 13 June 2017. Topic still needs to be placed on the agenda of HLIM. Topic placed already on HLFM on 04.05.2017 in Brussels (organized by Felicia Riedl). Result from RUAG: Data quality and running interfaces are important preconditions to apply this rule. TAF-TSI should provide the means to harmonize interfaces. The wording for the Network Statement should indicate that only one system should be used for each path request (for the time being until Active Timetable) not stating which system. Possible solution: Use the phrase used in the MoU. Julia Weiss also reported, that the MoU has already be signed by several IMs and RUs and that the next signatures are expected soon.	To be addressed in the S&TT HLG and WG To be addressed in the C-OSS Community and the RFC HLG		TTQ Task Force meeting 7 June 2017
15	National systems should not allow any modification requests for PaPs before the active timetable.			Make national tools TAF/TAP TSI compliant. Part of the "TAF TSI IM cluster". Ensure timetablers are aware of PaPs in the national systems.	Subject of TAF TSI IM Cluster: CLOSED	TAF-TSI IM Cluster	TTQ kick-off 21 March 2017
16	Set up user agreements with all involved stakeholders applying only one rule for requesting paths.	Task force CID Book 4	Mihaela Vetter	Include in Book 4 until September 2017: - RUs and IMs have to be clear that PaPs are not to be changed until the final offer. The CID Book 4 for TT 2019 will read: "Except for cases described regarding `Downsizing` in Chapter 3.7.1, RUs and IMs/ABs commit themselves not to change or replace the PaPs – outside of the flexibility range of the FlexPaP or the bandwidth approach, if any – pre-booked by the C-OSS via PCS till the Final Offer is accepted/rejected. "	Inclusion in book 4 until September 2017 (final check at the next task force meeting)		TTQ Task Force meeting 7 June 2017
17	Strategy for PCS use has to be created.	S&TT HLG	Philipp Koiser (strategy)	Proposal to S&TT HLG 12 April 2017: "PCS is the visualization of TAF/TAP TSI for the complete timetabling process. All IMs and RUs have interfaces according to TAF/TAP TSI.	Done: CLOSED	Includes MoU measures 1.3 and 1.4	TTQ Task Force meeting 7 June 2017

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			Máté Bak (technical issues)	This should include a web-based interface (GUI). TAF/TAP TSI will only be adjusted based on TTR findings.” The S&TT HLG agreed on the following text: “The aim is to bring IMs to the same level of usage of PCS, by further harmonizing the timetabling processes and by bringing PCS to a high level of quality. The result should be that all IMs are able to implement an interface with the least possible effort.”			
18	After the process is created modifications/alterations that have no impact on borders should be made possible in PCS. Interfaces have to support this approach.	PCS Groups	Philipp Koiser	Place a change request – cross-check with CR from ÖBB INFRA	CR to be placed and checked before next TTSG 16 May 2017 Merged with measure 4: CLOSED		TTQ Task Force meeting 7 June 2017
19	Based on the Empty Envelope concept PCS should check dossiers for negative border times.	PCS Groups EEC task force	Gerald Burgsteiner Máté Bak	Part of Empty Envelope Concept	To be included in measure 26 “EEC”: CLOSED	Subject of measure 26	TTQ kick-off 21 March 2017
20	Connection of the TCR tool with PCS.	TCR WG TTR task force “IT”	Gerald Burgsteiner (TCR WG and project) Harald Reisinger (TTR sub-project “IT Landscape))	This topic will be discussed in the framework of TTR. RNE and FTE have already agreed on the implementation. Philipp Koiser will propose two projects to the TTR Steering Committee, which will define this connection: - Project “TCR: Workflow implementation” (PM: Gerald Burgsteiner) - Project “TTR: IT landscape” (PM: Harald Reisinger)	Project agreement by RNE MB: 22 June 2017		Changed by Philipp Koiser 13 June 2017
21	Create interfaces which communicate with all timetabling and production tools on national and international level		Máté Bak	TAF TSI short term path request pilot implementation	t.b.d.		TTQ kick-off 21 March 2017
22	Implement single border point to allow PCS to check the requested dwell times.	PCS Groups EEC task force	Gerald Burgsteiner Máté Bak	Part of Empty Envelope Concept	To be included in measure 26 “EEC”: CLOSED	Subject of measure 26	TTQ kick-off 21 March 2017
23	In case of alternative offer for low priority bid: Second step to technically implement this display method.	PCS Groups EEC task force	Gerald Burgsteiner Máté Bak	Part of Empty Envelope Concept	To be included in measure 26 “EEC”: CLOSED	Subject of measures 8 and 26	TTQ kick-off 21 March 2017
24	National systems have to have a “flag” to mark capacity used as PaP – from planning until the start of operation.	TM WG PCS TB	Ivana Tomekova Máté Bak	To be implemented by IMs.	t.b.d.		TTQ kick-off 21 March 2017
25	PaP Product Definition: PCS development	C-OSS Community PCS Groups	Philipp Koiser Máté Bak	Include short-term TCR inclusion RNE has provided a first draft of the technical specification for the new PaP product, which will be finalized by the end of September 2017. Based on this draft a first rollout with minor changes to the system will be applied by April 2018 with the complete rollout in November 2018.	Technical Specification: September 2017 Rollout of medium features: April 2018 Full implementation in PCS:	Includes MoU measure 1.1	TTQ Task Force meeting 7 June 2017

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26	Creation of Empty Envelope Concept in PCS	PCS Groups EEC task force	Gerald Burgsteiner Máté Bak	<p>The development of the Empty Envelope Concept is ongoing and is scheduled to be available in the major release in November 2018.</p> <p>This concept should include the following measures:</p> <ul style="list-style-type: none"> - 13 Discontinuation of the combined PaP/Tailor-made function - 19 Checking negative border times - 22 Single border point - 8 & 23 Displaying differences between original request and alternative offers - 27 Creation of KPIs for quality of offers <p>A task force has been formed, which is working on the technical specification (expected finalization by 16 October 2017). A prototype will be ready for tests in November 2017 with the full rollout in PCS anticipated by November 2018.</p>	<p>Finalization of technical specifications: 16 October 2017</p> <p>Start of tests (prototype): November 2017</p> <p>Major release: November 2018</p>	Includes measures 8, 13, 19, 22 and 23 as well as MoU measure 1.2	TTQ Task Force meeting 7 June 2017
27	Create KPIs for quality of offers	PCS Groups	Philipp Koiser	From MoU Action Plan: Currently, this subject is depending on the Empty Envelope Concept.	Ongoing	MoU measure 2.1 as well as measure 26	TTQ kick-off 21 March 2017
28	Detect when the Final Offer deadline should be from the <u>workflow</u> point of view	TTR task force „Time-tabling“	Philipp Koiser	A process has been defined but does not cover all requirements since it is based mostly on the railway internal process (IM, RU, RFC) and does not show the process to the end customer. Philipp Koiser will consult the former TTR WG1 “market requirements” leader and find a way to extend the survey.	Report at the next task force meeting	MoU measure 2.2 Merged with measure 31	TTQ Task Force meeting 7 June 2017
29	Approaching Regulatory Bodies regarding the delay of final offers	TTR task force “Legal Matters”	Philipp Koiser	<p>The Regulatory Bodies should be made aware that delaying the offer deadlines for checks by RBs causes incomplete international offers.</p> <p>This has been at the RB meeting on 6 April with the RBs pointing out that this is a legal requirement. The RBs suggested to participate in the TTR task force “Legal Matters” to indicate such national constrains and start working on removing these obstacles.</p>	Report at the next task force meeting	MoU measures 2.3, 2.4 and 2.5	Changed by Philipp Koiser 13 June 2017
30	Start a survey to detect the needs for updates. Based on the results the IMs should check if updates are still required and – if yes – how to move the process closer to the requirements and harmonize the process.	S&TT WG, RUAG	Philipp Koiser	From S&TT WG (7 March 2017): Many IMs don’t use the updates at all. However, many IMs have based their IT on these updates which does not allow a removal of these updates in the short-term. It was suggested to include this goal as intermediate step in the TTR action plan.	Approved by the RNE General Assembly (4 May 2017) and the FTE Plenary Assembly (1 June 2017): CLOSED	MoU measure 3.1	Changed by Philipp Koiser 13 June 2017
31	Create process map for the timetabling process, from RU initial transport need to allocation, to clearly describe the responsibilities in all process steps of the annual timetable.	RUAG, PCS UG	Philipp Koiser	<p>From RUAG (21 February 2017): The commercial process is not clear. This should be defined. This was already subject of TTR. Therefore Philipp Koiser will contact Mr. Seid Maglajlic to draw this commercial process.</p> <p>This measure will be merged with measure 28</p>	Merged with measure 28: CLOSED	MoU measure 4.1 Merged with measure 28	TTQ Task Force meeting 7 June 2017
32	Create a recommendation for RUs to decide on the leading RU	FTE WG Freight	Roland Hartkopf	Subject of the next FTE Working Group freight meeting.	FTE WG freight: 7/8 November 2017	MoU measure 4.2	TTQ Task Force meeting 7 June 2017
33	Leading IM: Find measures to ensure harmonised border times	S&TT WG and HLG	Philipp Koiser	This is the very subject of the TTQ and also the TTR project	Ongoing	MoU measure 4.3	TTQ kick-off 21 March 2017
34	Create a PCS reporting function for observations	PCS Groups	Máté Bak	Currently, a respective PCS development is in the pipeline.	Ongoing	MoU measure 5.1	TTQ kick-off 21 March 2017

35	Create list of accepted observations of IMs on RFCs	C-OSS Community RUAG	Máté Bak Thomas Vanbeveren	According to the C-OSS Community, this is already under development. A first proposal will be subject of discussion of the C-OSS Community meeting on 13/14 June 2017. The results will be presented to the RUAG on 26 September 2017 Based on the results a taskforce „Observations“ will be formed to detect possibilities for improvements in the observation phase	Proposal to be discussed at the C-OSS Community meeting: 13/14 June 2017 Presentation at the RUAG: 26 September 2017	MoU measure 5.2 Merged with measure 36	TTQ Task Force meeting 7 June 2017
36	Form a taskforce „Observations“ to detect possibilities for improvements in the observation phase	RUAG	Philipp Koiser	Will be based on the results of measure 35	Merged with measure 36: CLOSED	MoU measure 5.3 Merged with measure 36	TTQ Task Force meeting 7 June 2017
37	Create KPIs in the framework of RNE and coordinate/harmonise measures in the various RNE groups and boards	S&TT WG / RNE and RUAG	Philipp Koiser	This is a key task at RNE. The compliance with deadlines is already being monitored. Results are being reported regularly.	Ongoing	MoU measure 6.1	TTQ kick-off 21 March 2017
38	Provide platform(s) which allow(s) capacity need announcements: -Without discrimination -Confidentially -As late as possible	C-OSS Community RFC MBs PCS Groups	Martin Ruiz and Michel Geubelle (platforms) Jorge Campo (CMS)	These platforms have already been established by the RFCs. It was requested to investigate the possibility to include such communication into PCS Due to the highly complex connection between vague information by the RUs at a very early stage and the requirement for sophisticated information in the request phase the PCS team proposes not to build such connection and to use CMS instead. The RUAG will start the definition of requirements for the system at the next RUAG meeting. The aim is to have the respective feature in CMS fully available in January 2018.	Start of creation in CMS: 26 September 2017 CMS function available: January 2018	MoU measure 7.1	TTQ Task Force meeting 7 June 2017

Measures marked red have been closed
Measures marked with green are ongoing

Glossary:

- EEC Empty Envelope Concept
- FCA Framework for Capacity Allocation (Art. 14, 913/2010/EC)
- MoU Memorandum of Understanding for planning freight
- RUAG Railway Undertaking Advisory Group (i.e. sub-group of RNE’s S&TT WG)
- TTQ Task force “Timetable Quality”
- TTR Project “Redesign of the international timetabling process”