<table>
<thead>
<tr>
<th>Subsection</th>
<th>Original Text</th>
<th>Comment</th>
<th>Status</th>
<th>Feedback to CG</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.1.1 TIPS settlement service model</td>
<td>Accounts</td>
<td>Accepted</td>
<td>No specific feedback to be provided to the CG.</td>
<td></td>
</tr>
<tr>
<td>1.1.1 TIPS settlement service model</td>
<td>Liquidity</td>
<td>Accepted</td>
<td>No specific feedback to be provided to the CG.</td>
<td></td>
</tr>
<tr>
<td>1.2.2 Common Reference Data Management</td>
<td>A2A communication relies whenever possible on ISO 20022 standard XML messages.</td>
<td>Accepted</td>
<td>No specific feedback to be provided to the CG.</td>
<td></td>
</tr>
<tr>
<td>1.2.3 TARGET2 and other RTGS systems</td>
<td></td>
<td>Clarification</td>
<td>No specific feedback to be provided to the CG.</td>
<td></td>
</tr>
<tr>
<td>2.1.1 UHB Methodology</td>
<td>Chapter 2: ...maintained on a 24x7/365 basis</td>
<td>Accepted</td>
<td>No specific feedback to be provided to the CG.</td>
<td></td>
</tr>
<tr>
<td>2.1.1 UHB Methodology</td>
<td>There is only one handbook addressing all TIPS actors: TIPS Participants, Reachable Parties, Central Banks, the TIPS Operator.</td>
<td>Clarification</td>
<td>No specific feedback to be provided to the CG.</td>
<td></td>
</tr>
<tr>
<td>2.1.1 UHB Methodology</td>
<td>But not Instructing Parties?</td>
<td></td>
<td>Accepted</td>
<td>No specific feedback to be provided to the CG.</td>
</tr>
<tr>
<td>2.1.3 Communication Network and services</td>
<td>Heading 2.3.3 Menu structure</td>
<td>Accepted</td>
<td>No specific feedback to be provided to the CG.</td>
<td></td>
</tr>
<tr>
<td>2.3.4 Screen structure</td>
<td>Heading 2.3.4 Screen structure</td>
<td>Accepted</td>
<td>No specific feedback to be provided to the CG.</td>
<td></td>
</tr>
<tr>
<td>2.3.5 Field types and properties</td>
<td>Heading 2.3.5 Field types and properties</td>
<td>Accepted</td>
<td>No specific feedback to be provided to the CG.</td>
<td></td>
</tr>
<tr>
<td>2.3.6 Validation</td>
<td>Heading 2.3.6 Validation</td>
<td>Accepted</td>
<td>No specific feedback to be provided to the CG.</td>
<td></td>
</tr>
<tr>
<td>2.3.7 Communication Network and services</td>
<td>Heading 2.3.7 Communication Network and services</td>
<td>Accepted</td>
<td>No specific feedback to be provided to the CG.</td>
<td></td>
</tr>
<tr>
<td>2.3.8 User Administration</td>
<td>Heading 2.3.8 User Administration</td>
<td>Accepted</td>
<td>No specific feedback to be provided to the CG.</td>
<td></td>
</tr>
<tr>
<td>2.3.9 Security and administration service</td>
<td>Heading 2.3.9 Security and administration service</td>
<td>Accepted</td>
<td>No specific feedback to be provided to the CG.</td>
<td></td>
</tr>
<tr>
<td>2.3.5 Field types and properties</td>
<td>Information is displayed in read-only fields.</td>
<td>Accepted</td>
<td>No specific feedback to be provided to the CG.</td>
<td></td>
</tr>
<tr>
<td>2.3.6 Validation</td>
<td>In case of failure an error message is displayed: You can find a detailed list of all error messages and their description in the annex of the UHB (list of references for error messages).</td>
<td>Clarification</td>
<td>No specific feedback to be provided to the CG.</td>
<td></td>
</tr>
<tr>
<td>2.3.7 Communication Network and services</td>
<td>Should this chapter include a short summary and then the sentence it includes now.</td>
<td>Clarification</td>
<td>No specific feedback to be provided to the CG.</td>
<td></td>
</tr>
<tr>
<td>3.1.1 TIPS actor</td>
<td>In two sentences: They are responsible...</td>
<td>Accepted</td>
<td>No specific feedback to be provided to the CG.</td>
<td></td>
</tr>
<tr>
<td>3.1.1 TIPS operator</td>
<td>They have full access...</td>
<td>Accepted</td>
<td>No specific feedback to be provided to the CG.</td>
<td></td>
</tr>
<tr>
<td>3.1.2 Central Bank</td>
<td>The European Central Bank owns and manages a single Transit Account in euro that must exist in TIPS, in order to allow the transfer of liquidity from TARGET2 to TIPS and vice versa.</td>
<td>Accepted</td>
<td>No specific feedback to be provided to the CG.</td>
<td></td>
</tr>
<tr>
<td>3.1.2 Central Bank</td>
<td>They can restrict the access rights of said Instructing Parties</td>
<td>Accepted</td>
<td>No specific feedback to be provided to the CG.</td>
<td></td>
</tr>
</tbody>
</table>
This entity represents data related to accounts. This section describes accounts... maybe?

3.2 TIPS Accounts and CMBs

... to modify its balance, if present. to modify its balance.

3.2 TIPS Accounts and CMBs

3.2.1.2 Transit Account

Transit Accounts are accounts that are owned by Central Banks for providing liquidity to TIPS Participants. Transit accounts have a negative balance, but they are not usable for the settlement of Instant payment transactions. They are defined for carrying out the transfer of liquidity between relevant RTGS system and TIPS. Only one transit account per settlement currency can exist in TIPS. The Transit Account for euro belongs to the European Central Bank.

Credit Memorandum Balances (CMBs)...

This means that a user UX owns the access right to trigger a given TIPS function if and only if the user was previously granted with the privilege FY identifying the capability to trigger FY.

3.4 Privileges and Roles

Privileges are propagated — grouped into Roles — by TIPS Users by the Central Bank party administrators.

3.4 Privileges and Roles

For example, if it is not possible to enable a Central Bank or a Participant to create or update Currencies.

3.4 Privileges and Roles

For example, it is not possible for a Central Bank or a Participant to create or update Currencies.

3.4 Privileges and Roles

For example, it is not possible for a Central Bank or a Participant to create or update Currencies.

3.4 Privileges and Roles

For example, it is not possible for a Central Bank or a Participant to create or update Currencies.

3.4 Privileges and Roles

A TIPS Privilege represents the ability to access a given TIPS functionality. TIPS Privileges are set up and maintained by the TIPS Operator. They are assigned to Roles in order to create an organized set of access profiles to be granted to the Users. Double

3.4.2 Roles

A TIPS Privilege represents the ability to access a given TIPS functionality. TIPS Privileges are set up and maintained by the TIPS Operator. They are assigned to Roles in order to create an organized set of access profiles to be granted to the Users.

3.4.2 Roles

To be clarified by the requestor no specific feedback to be provided to the CG.

4.1 Queries

Chapter 4. The following illustrates explains... The following table explains...

4.1 Queries

2 Tables. Titles of the tables are missing. In addition, what is the need for the second table?

4.3 Limit management

It is not a compulsory feature: a CMB can be defined without a limit.

4.3 Limit management

It is possible for a change in limit to lead the headroom to become negative, after which the CMB will only accept instant payments and liquidity transfers in credit until the headroom once again goes over zero.

4.3 Limit management

It is possible for a change in limit to lead the headroom to become negative, after which the CMB will only accept instant payments and liquidity transfers in credit until the headroom is again more than zero.

4.3 Limit management

It is possible for a change in limit to lead the headroom to become negative, after which the CMB will only accept instant payments and liquidity transfers in credit until the headroom is again more than zero.

4.3 Limit management

It is not a compulsory feature: a CMB can be defined without a limit.

4.3 Limit management

CMB can be defined without a limit.

4.3 Limit management

CMB can be defined without a limit.

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CMB can be defined without a limit.

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CMB can be defined without a limit.

4.3 Limit management

CMB can be defined without a limit.

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CMB can be defined without a limit.

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CMB can be defined without a limit.

4.3 Limit management

CMB can be defined without a limit.

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CMB can be defined without a limit.

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CMB can be defined without a limit.

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CMB can be defined without a limit.

4.3 Limit management

CMB can be defined without a limit.

4.3 Limit management

CMB can be defined without a limit.
3.1.4 Reachable Party

Reachable Parties are also identified by a BIC11, but they cannot hold TIPS Accounts and have to rely on a Managed by the TIPS party to settle payments in TIPS. They can also act as Instructing Parties, which allows them to interact directly with TIPS. Reachable Parties do not have Users and are unable to directly perform any action in TIPS.

This statement that reachable parties cannot perform any action in TIPS is in contradiction to the above paragraph which states that “Participants represent entities that are eligible for participation in TARGET2 (but do not necessarily own a TARGET2 PM account). They are identified by a BIC11 in TIPS and hold TIPS Accounts, which cannot have a negative balance. They can manage CMBs linked to their own accounts as well as Instructing Party roles for Actors acting on behalf of themselves or of Reachable Parties defined as users of their accounts or CMBs” where it explicitly states that reachable parties can act as users.

Clarification

No specific feedback to be provided to the CG.

4.1.1 Query Account balance and Status

In the UDFS it mentioned that U2A liquidity transfers are possible however this is not reflected in the UHF table (UDFS 2.5. Inbound/Outbound Liquidity Transfers) TIPS supports Central Bank Money transfers between accounts denominated in the same currency from TIPS to an RTGS System or vice versa from an RTGS System to TIPS. Liquidity Transfer from a TIPS Account to an RTGS Account starts with the request sent by the TIPS Participant owner of the TIPS Account or by an Instructing Party on behalf of the TIPS Participant. The Liquidity Transfer shall be initiated in TIPS in Application-to-Application mode (U2A) using the Liquidity Credit Transfer message or in User-to-Application mode (U2A) through a Graphic User Interface (GUI) and it is executed immediately.

Clarification

No specific feedback to be provided to the CG.

2.3.3 Menu structure

Menu structure

on the first-level menu items I would also expect liquidity management menu (to push liquidity to RTGS acct). Will it be possible to push and pull liquidity (to/from TIPS account) per search can be retrieved?

Will it be possible to push and pull liquidity (to/from TIPS account) per search can be retrieved?

3.2.2 Credit Memorandum Balance

Credit Memorandum Balances (CMBs), each representing a credit limits defined for a Reachable party in TIPS. Each CMB is linked to one TIPS Account, but each TIPS Account can have any number of CMBs, each representing a credit line for a Reachable party in TIPS. CMB identifiers are in the same ISO-compliant format as the ones used for TIPS accounts.

Does the participant have to define a unlimited CMB for its own BIC?

Clarification

No specific feedback to be provided to the CG.

3.1.4 Reachable Party

Table 1 clearly states that there is no USD send liquidity transfer functionality.

In the UDFS its mentioned that U2A liquidity transfers are possible however this is not reflected in the UHF table (UDFS 2.5. Inbound/Outbound Liquidity Transfers) TIPS supports Central Bank Money transfers between accounts denominated in the same currency from TIPS to an RTGS System or vice versa from an RTGS System to TIPS. Liquidity Transfer from a TIPS Account to an RTGS Account starts with the request sent by the TIPS Participant owner of the TIPS Account or by an Instructing Party on behalf of the TIPS Participant. The Liquidity Transfer shall be initiated in TIPS in Application-to-Application mode (U2A) using the Liquidity Credit Transfer message or in User-to-Application mode (U2A) through a Graphic User Interface (GUI) and it is executed immediately.

Is it really possible to send a liquidity transfer to a specific CMB? How would that be reflected in the camt0.50?

Clarification

No specific feedback to be provided to the CG.

8.1.2.3 TARGET2 and other RTGS systems

In order to transfer liquidity to and from TIPS each TIPS Account in euro must be related to a cash account opened in TARGET2, but the owner of the TARGET2 Account does not need to be the same as the owner of the TIPS Account.

To avoid any misunderstanding regarding the TIPS business day, we recommend adding the of the RTGS system at the end of the sentence.

Accepted

No specific feedback to be provided to the CG.

8.1.2.3 TARGET2 and other RTGS systems

In order to transfer liquidity to and from TIPS each TIPS Account in euro must be related to a cash account opened in TARGET2, but the owner of the TARGET2 Account does not need to be the same as the owner of the TIPS Account.

We recommend the following wording: In order to transfer liquidity to and from TIPS each TIPS Account in euro must be related to a cash account opened in TARGET2, but the owner of the TARGET2 Account does not need to be the same as the owner of the TIPS Account.

Accepted

No specific feedback to be provided to the CG.

2.1 UHF Methodology

There is only one handbook addressing all TIPS actors: TIPS Participants, Reachable Parties, Central Banks, the TIPS Operator.

We recommend for “Instructing parties” to be added to all TIPS actors under “2 Overview of the User Handbook”.

Clarification

No specific feedback to be provided to the CG.

2.3.4 Screen structure

The welcome screen is the entrance into the TIPS GUI and allows you to choose your system user reference. It also contains a ticker line providing you with the latest information. The ticker is managed by the TIPS operator.

We kindly ask you for a clarification regarding the “ticker”, what does “ticker” actually represent and what kind of information does it show.

Clarification

No specific feedback to be provided to the CG.

8.1.2.3 TARGET2 and other RTGS systems

TIPS does not provide a functionality to pull liquidity from the relevant RTGS System.

Will it be possible to push and pull liquidity (to/from TIPS account from Target2 account)access only?

Clarification

No specific feedback to be provided to the CG.

2.3.3 Menu structure

Menu structure

on the first-level menu items I would also expect liquidity management menu (to push liquidity to RTGS acct).

Clarification

No specific feedback to be provided to the CG.

4.1.1 Query Account balance and Status

TIPS does not foresee the usage of wildcard search, therefore only one account per search can be retrieved?

This is not very user friendly if/when a participant wants to open multiple TIPS accounts. (which is possible) Why is it only one account per each be retrieved?

Clarification

No specific feedback to be provided to the CG.

5.1 Monitoring of Accounts, CMBs and Payments

Role [to be specified]

Roles are not yet specified in the document. When will this become available?

Clarification

No specific feedback to be provided to the CG.
<table>
<thead>
<tr>
<th>Page</th>
<th>Section</th>
<th>Issue</th>
<th>Type</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>1.2.2</td>
<td>Common Reference Data Management</td>
<td>Table 1 Responsible Actors for CRDM actions</td>
<td>What exactly do you mean with Entity BIC (responsible actor only TIPS Operator)? We suppose it is meant that the operator is responsible for the BIC Directory?</td>
</tr>
<tr>
<td>19</td>
<td>3.3 Users</td>
<td>There is TIPS an entity...</td>
<td>Do you mean: TIPS is an entity...?</td>
<td>Accepted</td>
</tr>
<tr>
<td>19</td>
<td>3.4 Privileges and Roles</td>
<td>This means that a user UX owns the access right to trigger a given T2S user function FY if and only if UX was previously granted with the privilege PY identifying the capability to trigger FY.</td>
<td>...a given TIPS user function?</td>
<td>Accepted</td>
</tr>
<tr>
<td>80</td>
<td>2.1 UHB Methodology</td>
<td>UHB Methodology</td>
<td>The UHB doesn’t match with the UHB Methodology</td>
<td>Clarification</td>
</tr>
<tr>
<td>81</td>
<td>2.3.4 Screen structure</td>
<td>The searchlist screen allows you to query the TIPS database using a predefined set of search criteria.</td>
<td>Please describe the scope of the set of search criteria.</td>
<td>Clarification</td>
</tr>
<tr>
<td>82</td>
<td>2.3.5 Field types and properties</td>
<td>...you can enter information via input fields and select fields. In input fields, you can enter text and/or numeric content.</td>
<td>...please pay attention on the wording of your explanations. Who is you? The Actors, the CBs, the participants... etc.</td>
<td>Accepted</td>
</tr>
<tr>
<td>83</td>
<td>3.2 TIPS Accounts and CMBs</td>
<td>Accounts can only be deleted from TIPS after their closing date and if their balance is zero.</td>
<td>How long could an actor retrieve the deleted reference data? Is it possible to reuse reference data after the deletion? For example: the participant wants to reactivate its account...</td>
<td>Clarification</td>
</tr>
<tr>
<td>84</td>
<td>5.1.5 Bank Identifier Code</td>
<td>BANK Identifier Code</td>
<td>BUSINESS Identifier Code</td>
<td>Clarification</td>
</tr>
<tr>
<td>85</td>
<td>1.2.3 TARGET2 and other RTGS systems</td>
<td>In order to transfer liquidity to and from connected TIPS Actors.</td>
<td>...provided to the CG.</td>
<td>Accepted</td>
</tr>
<tr>
<td>86</td>
<td>2.3 Overview of the Graphical User Interface</td>
<td>Table 1 Functions available in TIPS GUI</td>
<td>liquidity transfers from TIPS to an RTGS are missing</td>
<td>Clarification</td>
</tr>
<tr>
<td>5</td>
<td>1.1.2 TIPS Access</td>
<td>When there is no ISO 20022 standard message available or when the usage of XML technology is not advisable for technical reasons (e.g. performance or network traffic constraints) flat data files may be used.</td>
<td>Please align text with TIPS connectivity guide (page 3). No XML-technology means flat data files or raw data files are used?</td>
<td>Accepted</td>
</tr>
<tr>
<td>29</td>
<td>4.3 Limit management</td>
<td>It is not a compulsory feature: a CMB can be defined without a limit. In this case, it is possible to make full use of the capacity of the related Account.</td>
<td>When defining a CMB we think that, also for safety reasons, the limit has always to be set, otherwise the customer cannot use the capacity of the related account.</td>
<td>Clarification</td>
</tr>
<tr>
<td>89</td>
<td>3.3 Users</td>
<td>There is TIPS an entity representing either (...)</td>
<td>Please replace with &quot;User in TIPS is an entity representing either (...)&quot;</td>
<td>Accepted</td>
</tr>
<tr>
<td>90</td>
<td>3.4 Privileges and Roles</td>
<td>This means that a user UX owns the access right to trigger a given T2S user function FY if and only if UX was previously granted with the privilege PY identifying the capability to trigger FY.</td>
<td>Please replace &quot;T2S&quot; with &quot;TIPS&quot;</td>
<td>Accepted</td>
</tr>
<tr>
<td>91</td>
<td>3.1.1 TIPS operator</td>
<td>They are responsible for the initial setup and day-to-day operations of TIPS and act as a single point of contact for Central Banks and directly connected TIPS Actors.</td>
<td>Could you please better clarify what you intend for a single point of contact for directly connected TIPS Actors?</td>
<td>Clarification</td>
</tr>
<tr>
<td>92</td>
<td>1.1.1 TIPS settlement service model</td>
<td>TIPS rejects any payment that is not settled within the configured timeout period from its reception</td>
<td>Which is the “timeout period” the Handbook refers to?</td>
<td>Accepted</td>
</tr>
<tr>
<td>93</td>
<td>1.2.3 TARGET2 and other RTGS systems</td>
<td>In order to transfer liquidity to and from TIPS each TIPS Account in euro must be related to a cash account opened in TARGET2</td>
<td>Could you clarify where the link is managed? in T2 or in TIPS?</td>
<td>Clarification</td>
</tr>
<tr>
<td>94</td>
<td>4.1.1.2 Query account balance and status – Details screen</td>
<td>Shows whether the Account is blocked for credit, blocked for debit, blocked for credit and debit, unblocked</td>
<td>Please, add also the status “closed”. It would be a useful information.</td>
<td>Clarification</td>
</tr>
<tr>
<td>95</td>
<td>4.1.2.2 Query CMB limit and status – Details screen</td>
<td>Shows whether the CMB is blocked for credit, blocked for debit, blocked for credit and debit, unblocked</td>
<td>Please, add also the status “closed”. It would be a useful information.</td>
<td>Clarification</td>
</tr>
<tr>
<td>96</td>
<td>Document title on front page</td>
<td>Consider changing the title of the document to reflect that the scope for the UHB is the GUI/U2A-mode.</td>
<td>In order to help the reader to better understand the purpose and scope of the document, consider moving sections 2, 2.1 and 2.2 and place them before section 1 introduction to TIPS. Sections 2, 2.1 and 2.2 is a very good introduction of the UHB. Furthermore, consider adding a very brief description/comment in sections 2.2.1 or 2.2 (where appropriate) that there are two ways to communicate with TIPS - U2A and A2A - and that A2A is described in UDSF. Then remove all references to A2A in the remaining document. This will make the UHB easier to use and understand.</td>
<td>Clarification</td>
</tr>
</tbody>
</table>
17 3.1.5 Instructing Party

"Actors can act as Instructing Parties on behalf of other Participants or Reachable Parties, taking on the subset of functionalities that are available to the Participant or Reachable Party granted them in terms of access rights."

Kindly state which functionalities instructing Parties can undertake and which they cannot.

Clarification No specific feedback to be provided to the CG.

19 3.4 Privileges and Roles

"For example, a User belonging to a certain Participant may be allowed to instruct instant payments (based on its assigned Roles). This means that it will be able to instruct an instant payment on a TIPS Account belonging to that Participant, but not on an Account belonging to another Participant."

It was our understanding that instant payments only can be initiated using A2A-mode. If this is correct, consider using a different example.

Clarification No specific feedback to be provided to the CG.

20 3.4.2 Roles

Section on Roles

Is it possible to be more specific and list available roles and the rights granted to the users for each role.

Clarification No specific feedback to be provided to the CG.

4 1.1 TIPS Overview

TIPS is a harmonised and standardised pan-European service with common functionalities for the settlement of Instant Payments across different countries and jurisdictions. It is based on the Single Euro Payments Area (SEPA) Instant Credit Transfer scheme and it is available for all payment service providers in Europe.

The second sentence is not correct. E-Money institutions and payment institutions are also PSP. However, according to the T2 Guideline they are NOT allowed to become direct participants in TARGET2. For further details please refer to the T2 GL text. Owing to the fact that this will not change for TIPS the sentence needs to be updated. Having in mind that this is more a legal than a functional issue, we propose to simply delete "...and it is available for all payment service providers in Europe".

Clarification No specific feedback to be provided to the CG.

4 1.1 TIPS Overview

TIPS Participants have a settlement interface to send payment instructions...

Is there a difference between "interface" and "settlement interface"?

Clarification No specific feedback to be provided to the CG.

4 1.1 TIPS Overview

Table of content page 3

In the table of content the changes where mentioned which is mentioned in chapter 2.3.6 Validation, is missing in chapter 4. Additionally a screen to enter a outbound liquidty transfer is missing in chapter 4 screen reference guide.

Clarification No specific feedback to be provided to the CG.

4 1.1.1 TIPS settlement service model

TIPS processes every payment according to two settlement stages: the first notifies the beneficiary participant after having reserved the funds on the Originator Participant account by creating a cash posting (since no partial settlement is allowed, the full amount is reserved) and the second settles the reserved amount after TIPS has received the confirmation

The term "payment" is too generic in this context. Only for the pass.008 the description which follows is correct (ie reservation and settlement only after confirmation). According to our understanding a positive recall answer (pass.004) can be considered as a payment in which no reservation takes place. Therefore, the text should be updated.

Clarification No specific feedback to be provided to the CG.

4 1.1.1 TIPS settlement service model

The term "instruction" refers not only to instant payments or liquidity transfers, but also to local reference data updates and any other type of request that leads to the update of reference or dynamic data in TIPS.

Unfortunately, we have the feeling that it is not always clear what exactly is meant with the term "instant payment". It seems that in footnote 1 the term includes positive recall answers. In case this understanding is correct, the term should be used in the same way throughout the documentation (incl. UDFS).

Clarification No specific feedback to be provided to the CG.

4 1.1.1 TIPS settlement service model

In case of negative reply from the Beneficiary Participant

Typo: Participant

Accepted No specific feedback to be provided to the CG.

5 1.1.2 TIPS Access

Having in mind that neither here nor in the Connectivty Guide we did find any information on NRO (non-repeuluation of omission) for U2A, we assume that this information will be part of the ESMIG UDFS. Please be so kind as to let us know already now whether NRO in U2A will be similar to T2S (see T2S-CR-466 for details) or not.

Clarification No specific feedback to be provided to the CG.

6 1.2.2 Common Reference Data Management

As the CRDM service is available 5 days a week, 22 hours a day, the possibility to setup and maintain reference data for TIPS is only available during that time window. The data is propagated to TIPS asynchronously, on a daily basis, shortly before the business day change of TARGET2.

What exactly is meant with "shortly before the business day change in TARGET2"? In one of the presentations five pm was mentioned. The actual business day change in TARGET2 takes place normally at 18:45. For further details please refer to section 6 of the TARGET2 UDFS book 1 where you find further details for the last day of the minimum reserve period. In this case we do not see an issue with regard to data inconsistencies. In case the text in the UHB is misleading and the data propagation for TIPS shall take place at 5 pm, please let us know how you will ensure that we do not have data inconsistencies between TARGET2 and its service TIPS. Please note that by no means the agreed procedures with regard to static data updates for TARGET2 are to be changed and it is up to the new service to ensure that we do have consistent data.

Clarification No specific feedback to be provided to the CG.
1.2.2 Common Reference Data Management

The following table lists all the reference data management operations that will be available in the CRDM for TIPS, along with the corresponding Responsible TIPS Actors and the expected U2A and A2A availability of each function.

Table 1 – Responsible Authors for CRDM actions

- **Actions**
  - User and Role-user grant
  - User and Role-user revoke
  - User, Role, User/Role grant
  - User, Role, User/Role revoke
  - Role grant
  - Role revoke
  - Role user grant
  - Role user revoke
  - User grant
  - User revoke
  - User, Role, User/Role update
  - User, Role, User/Role delete
  - User, Role, User/Role create
  - User, Role, User/Role update

- **Role**
  - User
  - Role

6

1.2.2 Common Reference Data Management

Table 1 responsible actors for CRDM actions line User and Role-user grant

As described in chapter 3.4.2 a CB can configure specific roles to be granted to their own participants. Therefore CBs have to be added in the column responsible actors.

Accepted

No specific feedback to be provided to the CG.

1.2.2 Common Reference Data Management

Table 1 responsible actors for CRDM actions line Role

As described in chapter 3.4.2 a CB can configure specific roles to be granted to their own participants. Therefore CBs have to be added in the column responsible actors.

Clarification

No specific feedback to be provided to the CG.

1.2.2 Common Reference Data Management

Table 1 responsible actors for CRDM actions line Role

As described in chapter 3.4.2 a CB can configure specific roles to be granted to their own participants. Therefore CBs have to be added in the column responsible actors.

Clarification

No specific feedback to be provided to the CG.

1.2.2 Common Reference Data Management

The access to CRDM is possible in U2A mode and in A2A mode

We understand that the access to CRDM also uses the connection to ESMIG that is used for the communication with TIPS, so no separate connection is necessary. This should be made clear in the text.

Clarification

No specific feedback to be provided to the CG.

1.2.2 Common Reference Data Management

Table 1

It needs to be clarified how TIPS Participants that do not use the TIPS GUI (i.e. having an A2A connection to TIPS) and managing liquidity through the T2 ICM) can perform the CRDM actions that are only available U2A. Report subscription, User Creation/Update/Deletion, Role-User Grant. Can the responsible CB perform these actions? This should be discussed in the MOP drafting group.

Clarification

No specific feedback to be provided to the CG.

1.2.2 Common Reference Data Management

Table 1

In chapter 2 paragraph 2 sentence 1: There is only one handbook addressing all TIPS actors: TIPS Participants. Reachable Parties, Central Banks, the TIPS Operator.

A reachable party does not have users and is unable to directly perform any action in TIPS. Therefore this UHB is not addressing to reachable parties but instructing parties.

Clarification

No specific feedback to be provided to the CG.

2.3.5 Field Types and Properties

Following the SEPA Instant Credit Transfer specifications, the allowed character set is restricted to support the Latin characters...

We recommend to add the following clarification: (...) the allowed character set for Identifiers/reference data elements is restricted to ...

You could also add that these elements must not start with a / or contain two consecutive // anywhere in the data element as specified in the document EPC2117-08 (Best practices for SEPA requirements for an extended character set).

Accepted

No specific feedback to be provided to the CG.

4-Eyes mode/Second User: After the first user has entered, changed or deleted the data, a second user (with the required privilege) has to approve or revoke this action via the data changes screen (§ 520) either using the 4-eyes mode ID or the search functionality.

In the table of content the data changes screen is missing.

Clarification

No specific feedback to be provided to the CG.

3.1 TIPS Actors

The CRDM allows users to setup and maintain reference data that is shared by multiple Eurosystem services such as TIPS, T2 and T2S and propagates such data to the relevant services.

Our comment refers to the section 3. The sentence quoted is not correct as the reference data of T2S is not part of CRDM for the time being. It is part of SDMG as no CR has been formally approved to have the T2S data in CRDM. We fully agree that this is part of the consolidation project - but not yet implemented.

Accepted

No specific feedback to be provided to the CG.
16 3.1 TIPS Actors
...interact with the TIPS application either directly or indirectly and between each party belonging to the second level (i.e. a Central Bank) and all its community (i.e. Participants and Reachable Parties).

122

16 3.1 TIPS Actors
Similarly, legal relationships exist between each party belonging to the second level (i.e. a Central Bank) and all its community (i.e. Participants and Reachable Parties). Legal relationships exist just between the central bank and the TIPS account holder. A reachable party has a contract with the direct participant and not with the central bank.

123

16 3.1.1 TIPS operator
They are responsible for the initial setup and day-to-day operations of TIPS and act as a single point of contact for Central Banks and directly connected TIPS actors.

124

17 3.1.4 Reachable Party
Reachable parties do not have users and are unable to directly perform any action in TIPS.

125

17 3.1.5 Instructing Party
Actors can act as Instructing Parties on behalf of other Participants or Reachable Parties.

126

18 3.2.1.1 TIPS Account
Each TIPS Participants may own one or many TIPS Accounts.

127

18 3.2.2 Credit Memorandum Balance
In order (…) to settle, the amount to be debited must be lower than the current CMB headroom as well as the current balance on the TIPS account.

128

19 3.3 Users
First sentence

129

19 3.4 Privileges and Roles
This means that a user UX owns the access right to trigger a given T2S user function FY if and only if UX was previously granted with the privilege FY identifying the capability to trigger FY. The Privileges are grouped in a set of Roles, thus, each Role covers one or more TIPS functions.

130

19 3.4 Privileges and Roles
This means that a user UX owns the access right to trigger a given T2S user function FY. The reference to "T2S user function" is not clear to us.

131

20 3.4.2 Roles
CBs can configure specific roles to be granted to their own Participants and Reachable Parties, in order to grant them with proper access to functions.

132

20 3.4.2 Roles
A TIPS Privilege represents the ability to access a given TIPS functionality. TIPS Privileges are set up and maintained by the TIPS Operator. They are assigned to Roles in order to create an organized set of access profiles to be granted to the Users.

133

20 3.5.1 Bank Identifier Code
Bank Identifier Code

134

20 3.5.1 Bank Identifier Code
BICs in TIPS are normally based on the SWIFT BIC Directory but can be manually inserted, modified and deleted by the TIPS Operator in contingency situations.

135

23 4.1.1 Query account balance and Status
TIPS Account identifier max. 34 characters (SWIFT-x)

136

24 4.1.1.2 Query account balance and status – Details screen
field description: sum of reserved account balance

137
<table>
<thead>
<tr>
<th>Page</th>
<th>4.1.3.2 Query Instant payment transaction – Details screen</th>
<th>4.1.3.2 Query Instant payment transaction – Details screen</th>
</tr>
</thead>
<tbody>
<tr>
<td>138</td>
<td>According to our understanding the title of the section is misleading. Having in mind that besides pacs.008 it is also possible to initiate other types of payments (positive recall answers and liquidity transfers), the headline needs to be updated and in this section it needs to be made clear which types of payments can be queried. In case this is a link to a query pacs.008 only, please clarify if it is possible to query liquidity transfers and positive recall answers. Moreover, please note that based on the information provided so far it seems there exists no possibility to query recall instructions and negative recall answers. Please clarify.</td>
<td>Clarification: No specific feedback to be provided to the CG.</td>
</tr>
<tr>
<td>139</td>
<td></td>
<td>Accepted: No specific feedback to be provided to the CG.</td>
</tr>
<tr>
<td>140</td>
<td>Query Instant Payment transaction – Search screen</td>
<td></td>
</tr>
<tr>
<td>141</td>
<td>From our point of view more possibilities to search a transaction are needed. For further details please refer to the previous rounds of comments. In addition, it should be clarified in the UHB which search criteria are mandatory and which are optional.</td>
<td>Clarification: No specific feedback to be provided to the CG.</td>
</tr>
<tr>
<td>142</td>
<td></td>
<td>Accepted: No specific feedback to be provided to the CG.</td>
</tr>
<tr>
<td>143</td>
<td>Query Instant Payment transaction – Search screen</td>
<td></td>
</tr>
<tr>
<td>144</td>
<td>You can enter a new Limit or modify existing Limit.</td>
<td></td>
</tr>
<tr>
<td>145</td>
<td>According to the description here, it is possible to enter a new limit. Please explain what is the difference compared to the setup of a new limit in CRDM (see page 8 of this UHB version)</td>
<td>Clarification: No specific feedback to be provided to the CG.</td>
</tr>
<tr>
<td>146</td>
<td></td>
<td>Accepted: No specific feedback to be provided to the CG.</td>
</tr>
<tr>
<td>147</td>
<td></td>
<td>Clarification: No specific feedback to be provided to the CG.</td>
</tr>
<tr>
<td>148</td>
<td>Any change that is propagated from the CRDM to TIPS does not overwrite these values if they have been changed within TIPS via an immediate change.</td>
<td>Clarification: No specific feedback to be provided to the CG.</td>
</tr>
<tr>
<td>149</td>
<td></td>
<td>Accepted: No specific feedback to be provided to the CG.</td>
</tr>
<tr>
<td>150</td>
<td>The TIPS operator ... They are responsible ...</td>
<td>Clarification: No specific feedback to be provided to the CG.</td>
</tr>
<tr>
<td>151</td>
<td>The TIPS Operator ... It is responsible ...</td>
<td></td>
</tr>
<tr>
<td>152</td>
<td>The relevant non-euro Central Bank shall define a single Transit Account for its currency.</td>
<td></td>
</tr>
<tr>
<td>153</td>
<td>The relevant non-euro Central Bank shall define a single Transit Account for its currency.</td>
<td></td>
</tr>
<tr>
<td>154</td>
<td></td>
<td>Accepted: No specific feedback to be provided to the CG.</td>
</tr>
<tr>
<td>155</td>
<td></td>
<td>Accepted: No specific feedback to be provided to the CG.</td>
</tr>
<tr>
<td>156</td>
<td></td>
<td>Not applicable: No specific feedback to be provided to the CG.</td>
</tr>
<tr>
<td>157</td>
<td>There is TIPS is an entity representing</td>
<td></td>
</tr>
<tr>
<td>158</td>
<td></td>
<td>Accepted: No specific feedback to be provided to the CG.</td>
</tr>
<tr>
<td>159</td>
<td>... a Party administrator ... The party administrator</td>
<td></td>
</tr>
<tr>
<td>160</td>
<td>... a given T2S user function ...</td>
<td></td>
</tr>
<tr>
<td>161</td>
<td></td>
<td>Not applicable: No specific feedback to be provided to the CG.</td>
</tr>
<tr>
<td>162</td>
<td></td>
<td>Clarification: No specific feedback to be provided to the CG.</td>
</tr>
<tr>
<td>163</td>
<td></td>
<td>Accepted: No specific feedback to be provided to the CG.</td>
</tr>
<tr>
<td>164</td>
<td>Change privileges into roles on page 32.</td>
<td></td>
</tr>
<tr>
<td>165</td>
<td></td>
<td>Accepted: No specific feedback to be provided to the CG.</td>
</tr>
<tr>
<td>166</td>
<td>... combination of the BIC of the Originator Participant or Reachable Party.</td>
<td></td>
</tr>
<tr>
<td>167</td>
<td>Screen shot and further details only mention Originator BIC.</td>
<td></td>
</tr>
<tr>
<td>168</td>
<td>On page 32 in the scenario description Privileges are mentioned, but in the paragraphs Roles are mentioned.</td>
<td></td>
</tr>
<tr>
<td>169</td>
<td>Change privileges into roles on page 32.</td>
<td></td>
</tr>
<tr>
<td>170</td>
<td>Role: To carry out this business scenario, you need the following Role</td>
<td></td>
</tr>
<tr>
<td>171</td>
<td>Role: To carry out this business scenario, you need the following Role</td>
<td></td>
</tr>
<tr>
<td>172</td>
<td></td>
<td>Accepted: No specific feedback to be provided to the CG.</td>
</tr>
<tr>
<td>167</td>
<td>1.2.2 Common Reference Data Management</td>
<td>&quot;As the CRDM service is available 5 days a week, 22 hours a day (…)&quot;, I think it would be helpful to provide the exact availability period of the CRDM service as regards the days of the week and the hours.</td>
</tr>
<tr>
<td>168</td>
<td>1.2.2 Common Reference Data Management</td>
<td>The data is propagated to TIPS asynchronously, on a daily basis, shortly before the business day change of TARGET2.&quot;</td>
</tr>
<tr>
<td>169</td>
<td>1.2.2 Common Reference Data Management</td>
<td>Could it be possible to indicate the exact point at time when the data is propagated from CRDM to TIPS? What about the opposite direction (from TIPS to CRDM)?</td>
</tr>
<tr>
<td>170</td>
<td>2.3 Overview of the Graphical User Interface</td>
<td>Table 1 – Functions available in TIPS GUI</td>
</tr>
<tr>
<td>171</td>
<td>3.1 TIPS Actors</td>
<td>&quot;Similarly, legal relationships exist between each party belonging to the second level (i.e. a Central Bank) and all its community (i.e. Participants and Reachable Parties).&quot; What about instructing Party?</td>
</tr>
<tr>
<td>172</td>
<td>3.3 Users</td>
<td>There is TIPS is an entity representing either a physical user or an application.&quot; Is this sentence correct?</td>
</tr>
<tr>
<td>173</td>
<td>2.3.4 Screen structure</td>
<td>duplicates in tables numbering</td>
</tr>
<tr>
<td>174</td>
<td>3.1 TIPS Actors</td>
<td>&quot;...how to use them the TIPS service.&quot; Incomplete sentence?</td>
</tr>
<tr>
<td>175</td>
<td>3.1 TIPS Actors</td>
<td>List of Actors differs from URF (table 13 shows IP and RTGS)</td>
</tr>
<tr>
<td>176</td>
<td>3.1.1 TIPS operator</td>
<td>...as a single point of contact for Central Banks and directly connected TIPS Actors.&quot; Specify in which situations the TIPS Operator acts as single point of contact for Actors.</td>
</tr>
<tr>
<td>177</td>
<td>3.1.1 TIPS operator</td>
<td>Align the content with the latest version of UDFS (0.8). Comment applies to other sections in common in UDFS and UHB.</td>
</tr>
<tr>
<td>178</td>
<td>3.2 TIPS Accounts and CMBs</td>
<td>&quot;This entity represents data related to accounts...&quot; Please clarify what is meant with &quot;entity&quot;.</td>
</tr>
<tr>
<td>179</td>
<td>3.2.1.1 TIPS Account</td>
<td>They are created by Central Banks for their Participants.&quot; Provide comprehensive list of possible actions: delete, manage...</td>
</tr>
<tr>
<td>180</td>
<td>3.2.1.2 Transit Account</td>
<td>Missing in the description: Actor in charge of creation, management, ...</td>
</tr>
<tr>
<td>181</td>
<td>3.2.2 Credit Memorandum Balance</td>
<td>Missing in the description: Actor in charge of creation, management, ...</td>
</tr>
<tr>
<td>182</td>
<td>3.3 Users</td>
<td>There is TIPS is an entity representing...&quot; Incomplete sentence?</td>
</tr>
<tr>
<td>183</td>
<td>3.3 Users</td>
<td>They are linked to a single Participant...&quot; This sentence would imply that only Participants may have Users in TIPS. But our understanding is that Central Banks and the TIPS Operator also have Users. Please correct or clarify.</td>
</tr>
<tr>
<td>184</td>
<td>3.4 Privileges and Roles</td>
<td>This means that a user UX owns the access right to trigger a given T2S user function FY...&quot; Wrong reference to T2S</td>
</tr>
<tr>
<td>185</td>
<td>3.4 Privileges and Roles</td>
<td>To be clarified by the requestor</td>
</tr>
<tr>
<td>186</td>
<td>3.3 Users</td>
<td>Suggestion to move the sentence on Reachable Parties to moved to section 3.3. See also comment 11. Not applicable</td>
</tr>
<tr>
<td>187</td>
<td>3.4.1 Privileges</td>
<td>&quot;...the ability to access a given TIPS functionality.&quot; &quot;TIPS functionality&quot; or &quot;TIPS Function&quot;, as mentioned in 3.47 if the wording needs to be corrected, it should also apply to other sections of the document.</td>
</tr>
<tr>
<td>188</td>
<td>3.4.2 Roles</td>
<td>It would be helpful to have specific Central Banks Roles defined.</td>
</tr>
<tr>
<td>189</td>
<td>3.4.2 Roles</td>
<td>paragraph 1 is the same as 3.4.1.</td>
</tr>
<tr>
<td>190</td>
<td>3.4.2 Roles</td>
<td>&quot;CBs can configure specific roles to be granted to their own Participants and Reachable Parties, ...&quot; Please clarify what roles could be assigned to Reachable Parties as these do not have Users in TIPS.</td>
</tr>
<tr>
<td>191</td>
<td>3.4.2 Roles</td>
<td>&quot;CBs can configure specific roles to be granted to their own Participants, ...&quot; It would be helpful to have guidance on the creation of Roles.</td>
</tr>
<tr>
<td>192</td>
<td>3.4.2 Roles</td>
<td>&quot;In turn, system administrators of Participants...&quot; Are the system administrators the &quot;Party administrator&quot; mentioned in 3.3?</td>
</tr>
<tr>
<td>193</td>
<td>3.4.2 Roles</td>
<td>&quot;Access rights to their own system users,&quot; &quot;is system&quot; in this sentence to be understood as &quot;TIPS?&quot;</td>
</tr>
<tr>
<td>194</td>
<td>3.5.3 RTGS System</td>
<td>&quot;...all the RTGS systems that interact with TIPS, ...&quot; &quot;Interact&quot; is also the wording used for the definition of Actors in 3.1, but RTGS does not seem to be defined as an Actor in TIPS. See also comment 3.</td>
</tr>
<tr>
<td>195</td>
<td>3.5.4 System parameters</td>
<td>Missing in the list: RTGS alert. Please align with UDFS v0.8.</td>
</tr>
<tr>
<td>22</td>
<td>4.1 Queries</td>
<td>Intro to Chapter 4 Screen Reference Guide: &quot;Within TIPS, local reference data maintenance instructions submitted in U2A mode can be triggered either in 2-Eyes or in 4-Eyes mode.&quot; &quot;Please clarify the procedure to make the process 2-Eyes of 4-Eyes.&quot;</td>
</tr>
</tbody>
</table>
Is it possible that the CMB headroom is negative, outside the CMB Limit modification scenario?

Change to the "Participant" change. Does it mean that a Participant has no possibility to change the Limit via CRDM (on-indefinite) if it is used for liquidity transfers between RTGS and TIPS Participants.

Why is there no screen shot procedure to show the 4-Eye validation model?

Could you please clarify if the screen shot concerns all participants? Some of the functions seem to be NCB role (blocking participant for example)?
<table>
<thead>
<tr>
<th>Page</th>
<th>Section</th>
<th>Comment</th>
</tr>
</thead>
<tbody>
<tr>
<td>227</td>
<td>4.1.1.2 Query account balance and status – Details screen</td>
<td>In the scenario 5.1.1, you mention that the participants can switch to a detailed view for a breakdown by restriction type or postings. Why this feature is not mentioned in this chapter ?</td>
</tr>
<tr>
<td>228</td>
<td>4.1.2.1 Query CMB limit and status – Search screen</td>
<td>CMB identifier max. 34 characters (SWIFT-x) Do you foresee to implement a “select box” field or the auto-complete function ?</td>
</tr>
<tr>
<td>229</td>
<td>4.1.3.1 Query Instant payment transaction – Search screen</td>
<td>Originator BIC BIC11 Do you foresee to implement the auto-complete function ? Moreover, are both criteria mandatory ?</td>
</tr>
<tr>
<td>230</td>
<td>4.1.3.2 Query Instant payment transaction – Details screen</td>
<td>Could you add the currency in the result screen ?</td>
</tr>
<tr>
<td>231</td>
<td>4.1.3.2 Query Instant payment transaction – Details screen</td>
<td>Transaction status If an IP is not yet settled, will TIPS display the intermediary status of the transactions ?</td>
</tr>
<tr>
<td>232</td>
<td>4.1.3.2 Query Instant payment transaction – Details screen</td>
<td>Settlement timestamp Do you confirm that this field will be null if the transaction is not settled ?</td>
</tr>
<tr>
<td>233</td>
<td>4.3 Limit management</td>
<td>When a CMB limit is modified, the headroom and utilisation are updated accordingly. It is possible for a change in limit to lead the headroom to become negative, after which the CMB will only accept instant payments and liquidity transfers in credit until the headroom once again goes over zero. Why LT (cf. previous comments) ?</td>
</tr>
<tr>
<td>234</td>
<td>4.3.1 CMB Limit modification</td>
<td>Limit update is also available, with non-immediate effect, in the CRDM Could you clarify when the CRDM will be updated in this specific context ?</td>
</tr>
</tbody>
</table>