

## Change Request form

| General Information (Origin of Request)  |   |                                       |
|--|---|---------------------------------------|
| <input checked="" type="checkbox"/> User Requirements Document (URD)<br><input checked="" type="checkbox"/> Other User Functional or Technical Documentation (SYS)<br><input type="checkbox"/> Other TIPS Documentation (OTD)<br><i>(to be filled in by CoG)</i> |   |                                       |
| <b>Request raised by:</b><br>Market Infrastructure Board (MIB)   | <b>Date raised:</b> 13/11/2017                        |                                       |
| <b>Request title:</b><br>TARGET Instant Payment Settlement (TIPS) adoption of the European Payments Council (EPC) requirements for statistical information   | <b>Name of Central Bank:</b><br>European Central Bank | <b>Request ref. no:</b> TIPS 0001 URD |
| Categorisation of changes  |   |                                       |
| 1. Functional/technical importance parameter: High   | 4. Legal importance parameter: High                   |                                       |
| 2. Operational importance parameter: High  | 5. Financial importance parameter: High               |                                       |
| 3. Stakeholder importance parameter: High  |   |                                       |
| <b>Status:</b> Allocated to a Release  |   |                                       |

### Description of requested change:

TIPS should:

1. Adopt the EPC requirements for statistical information on Payment transactions; and
2. Provide monthly statistics of payment instructions processed by TIPS<sup>1</sup>.

### 1. EPC requirements for statistical information on Payment transactions

In detail, the TIPS Operator as well as the National Central Banks which are operator of TARGET2 component systems designated under the Settlement Finality Directive should be able to provide the EPC with the following statistics<sup>2</sup>:

#### 1. General

a) Breakdown of the total number of Instant Payment transactions processed by TIPS in a given quarter of the year (irrespective of their final status) according to the following amount ranges:

- < 1,000 EUR

<sup>1</sup> Monthly statistics should be provided in a separate report from the one related to the EPC statistical information

<sup>2</sup> Communication channel and format to be identified by the 4CB during the detailed assessment of the Change Request.

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- $\geq$  1,000 EUR and  $<$  5,000 EUR
- $\geq$  5,000 EUR and  $<$  10,000 EUR
- $\geq$  10,000 EUR and  $\leq$  15,000 EUR
- $>$  15,000 EUR

b) Breakdown of the total number of Instant Payment transactions processed by TIPS in a given quarter of the year (irrespective of their final status) according to the following acceptance timestamp ranges:

- $\geq$  00H00 –  $<$  06h00 CET
- $\geq$  06h00 –  $<$  12h00 CET
- $\geq$  12h00 –  $<$  18h00 CET
- $\geq$  18h00 –  $<$  00h00 CET

c) Breakdown of the total number of Instant Payment transactions processed by TIPS in a given quarter of the year (with a “Settled” final status) according to the following processing time<sup>3</sup> ranges:

- $\leq$  5 seconds
- $>$  5 seconds and  $\leq$  10 seconds
- $>$  10 seconds and  $\leq$  15 seconds
- $>$  15 seconds and  $\leq$  20 seconds
- $>$  20 seconds and  $\leq$  25 seconds
- $>$  25 seconds

d) Breakdown of the total number of Instant Payment transactions processed by TIPS in a given quarter of the year (with a final status different from “Settled”) according to the following processing time<sup>4</sup> ranges:

- $\leq$  5 seconds
- $>$  5 seconds and  $\leq$  10 seconds
- $>$  10 seconds and  $\leq$  15 seconds
- $>$  15 seconds and  $\leq$  20 seconds
- $>$  20 seconds and  $\leq$  25 seconds
- $>$  25 seconds
- no confirmation after 25 seconds<sup>5</sup>

e) Number of Investigation Requests processed by TIPS.

## 2. Transaction statistics whereby the country code of the BIC of the Originator Bank in the message is identical to the one of the Beneficiary Bank

a) Breakdown by country code of the BIC of the Originator Bank of the total number of Instant Payment transactions processed by TIPS in a given quarter of the year (irrespective of their final status)

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<sup>3</sup> The processing time is defined as the time elapsed from the acceptance timestamp to the settlement timestamp.

<sup>4</sup> The processing time is defined as the time elapsed from the acceptance timestamp and the timestamp by when the transaction reached its final status (different from ‘settled’, i.e. ‘rejected’, ‘failed’ or ‘expired’), after a negative confirmation from the Beneficiary Bank.

<sup>5</sup> The processing time is defined as the time elapsed from the acceptance timestamp and the timestamp by when the transaction reached its final status ‘expired’, without any confirmation from the Beneficiary Bank.

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b) Breakdown by country code of the BIC of the Originator Bank of the total number of the Instant Payment transactions processed by TIPS in a given quarter of the year (with a final status different from “Settled”).

c) Breakdown by country code of the BIC of the Originator Bank of the total number of Recall Requests<sup>6</sup> processed by TIPS in a given quarter of the year.

d) Breakdown by country code of the BIC of the Originator Bank and reason code of the total number of Instant Payment transactions processed by TIPS in a given quarter of the year (with a final status different from “Settled”).

e) Breakdown by country code of the BIC of the Originator Bank and reason code of the total number of Recall Requests<sup>7</sup> processed by TIPS.

### 3. Transaction statistics whereby the country code of the BIC of the Originator Bank in the message is different to the one of the Beneficiary Bank

Point of view of the country code of the BIC of the Originator Bank in the message from which the initial Instant Payment transaction has been sent:

a) Breakdown by country code of the BIC of the Originator Bank of the total number of Instant Payment transactions processed by TIPS in a given quarter of the year (irrespective of their final status).

b) Breakdown by country code of the BIC of the Originator Bank of the total number of Instant Payment transactions processed by TIPS in a given quarter of the year (with a final status different from “Settled”).

c) Breakdown by country code of the BIC of the Originator Bank of the total number of Recall Requests<sup>8</sup> processed by TIPS in a given quarter of the year.

d) Breakdown by country code of the BIC of the Originator Bank and by reason code of the total number of Instant Payment transactions processed by TIPS in a given quarter of the year (with a final status different from “Settled”).

e) Breakdown by country code of the BIC of the Originator Bank and by reason code of the total number of Recall Requests<sup>9</sup> processed by TIPS in a given quarter of the year.

Point of view of the country code of the BIC of the Beneficiary Bank in the message that has received the initial Instant Payment transaction:

f) Breakdown by country code of the BIC of the Beneficiary Bank of the total number of Instant Payment transactions processed by TIPS in a given quarter of the year (irrespective of their final status).

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<sup>6</sup> The total of Recall Requests includes both the Recall Request and the Request for Recall by the Originator.

<sup>7</sup> The total of Recall Requests includes both the Recall Request and the Request for Recall by the Originator.

<sup>8</sup> The total of Recall Requests includes both the Recall Request and the Request for Recall by the Originator.

<sup>9</sup> The total of Recall Requests includes both the Recall Request and the Request for Recall by the Originator.

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g) Breakdown by country code of the BIC of the Beneficiary Bank of the total number of Instant Payment transactions processed by TIPS in a given quarter of the year (with a final status different from “Settled”).

h) Breakdown by country code of the BIC of the Beneficiary Bank of the total number of Recall Requests<sup>10</sup> processed by TIPS in a given quarter of the year.

j) Breakdown by country code of the BIC of the Beneficiary Bank and by reason code of the total number of Instant Payment transactions processed by TIPS in a given quarter of the year (with a final status different from “Settled”).

k) Breakdown by country code of the BIC of the Beneficiary Bank and by reason code of the total number of Recall Requests<sup>11</sup> processed by TIPS in a given quarter of the year.

## 2. Provide monthly statistics of payment instructions processed by TIPS

For analytical purposes, the TIPS Operator should be able to provide, to the National Central Banks and the ECB<sup>12</sup>, the following statistics on transaction volumes and values<sup>13</sup>:

### 1) **Transaction statistics whereby the country code of the BIC of the Originator Bank in the message is identical to the one of the Beneficiary Bank**

Breakdown by country code of the BIC of the Originator Bank of the total number of Instant Payment transactions and Positive Recall Answer processed by TIPS (with a “Settled” final status).

Breakdown by country code of the BIC of the Originator Bank of the total value of Instant Payment transactions and Positive Recall Answer processed by TIPS (with a “Settled” final status).

### 2) **Transaction statistics whereby the country code of the BIC of the Originator Bank in the message is different to the one of the Beneficiary Bank**

Breakdown by country code of the BIC of the Originator Bank of the total number of Instant Payment transactions and Positive Recall Answer processed by TIPS (with a “Settled” final status).

Breakdown by country code of the BIC of the Originator Bank of the total value of Instant Payment transactions and Positive Recall Answer processed by TIPS (with a “Settled” final status).

<sup>10</sup> The total of Recall Requests includes both the Recall Request and the Request for Recall by the Originator.

<sup>11</sup> The total of Recall Requests includes both the Recall Request and the Request for Recall by the Originator.

<sup>12</sup> NCBs and ECB should receive the same monthly report.

<sup>13</sup> Communication channel and format to be identified by the 4CB during the detailed assessment of the Change Request.

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Point of view of the country code of the BIC of the Beneficiary Bank in the message that has received the initial Instant Payment transaction:

Breakdown by country code of the BIC of the Beneficiary Bank of the total number of Instant Payment transactions and Positive Recall Answer processed by TIPS (with a "Settled" final status).

Breakdown by country code of the BIC of the Beneficiary Bank of the total value of Instant Payment transactions and Positive Recall Answer processed by TIPS (with a "Settled" final status).

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### Reason for change and expected benefits/business motivation:

The proposed change would allow TIPS and its participants to be fully SCT Inst compliant.

Additionally, the proposed change would allow the Central banks and the ECB to receive monthly figures about volumes and values of settled payment transactions, for both national and cross-border scenarios.

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### Submitted annexes / related documents:



EPC requirements for statistical information



DE\_Annex to TIPS  
0001 URD - EPC requ



TIPS CR0001 New  
Operational reports\_\

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### Proposed wording update to the documentation to address the requested change:

Both TIPS URD and UDFS should be updated in order to reflect the production of the proposed reports.

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### High level description of Impact:

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### Outcome/Decisions:

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| Impact on TIPS                |                                     |
|-------------------------------|-------------------------------------|
| <b>Business Interface</b>     |                                     |
|                               | A2A Interface                       |
|                               | U2A Interface                       |
| <b>Settlement Engine</b>      |                                     |
|                               | Payment Transaction                 |
|                               | Liquidity Transfer                  |
|                               | Recall                              |
| <b>Queries and Reports</b>    |                                     |
|                               | Queries                             |
|                               | Reports                             |
| <b>Common Components</b>      |                                     |
|                               | ESMIG                               |
|                               | CRDM                                |
|                               | Archiving                           |
|                               | Billing                             |
|                               | DMT                                 |
| <b>Operational Tools</b>      |                                     |
| <b>X</b>                      | SLA Reporting                       |
|                               | TMS                                 |
|                               | Technical Monitoring                |
|                               | Change Management                   |
|                               | Capacity Management                 |
| <b>Infrastructure request</b> |                                     |
|                               | Application components impacted     |
|                               | Application components not impacted |
| <b>Operational activities</b> |                                     |
|                               | Business activities impacted        |
|                               | Technical activities impacted       |
| <b>New functionalities</b>    |                                     |
|                               |                                     |

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| Impact on documentation |  |   |
|-------------------------|--|---|
| Document                | Chapter  | Change  |
| UDFS                    | §.1.5 (TIPS Features)<br>§.1.5.6 (Raw Data extraction)<br>§.4 (Appendices) | <p>New sub-section to describe the statistical feature, including the definition of the different statistical indicators.<br/>In the same section, a description of the new operational report will be added.</p> <p>New sub-section to describe raw data for statistics.<br/>In the same section, a description of the raw data for the new operational report will be added.</p> <p>New annex including the templates of the different statistics.</p> <p>For the new operational report an annex will be added including the template of the payment transaction figures</p> |
| UHB                     |  |   |
| Training documentation  |  |   |
| Other documents         |  |   |

### Overview of the impact of the request on TIPS

#### Summary of functional, development, infrastructure, operational and security impacts

##### Summary of application development impact:

The solution will be built “on top” of TIPS by:

- Using the Informational DB to produce daily aggregation stored in Operational Reporting
- Enhancing Operational Reporting to produce a quarterly reports including EPC statistics
- Adding persistence where needed (“Recall”)
- Adding additional in-memory counting logic (“Investigations”)

Reports will be produced on a quarterly basis and using the xls format, according to the template provided by the Level2. These reports will be sent by mail to the relevant CBs and to the EPC.

Note: in-memory counting logic for “Investigations” can lead to some partial counting in case of failures of the processes in collecting counters.

As for the new operational report on the volumes and values of the settled payment transactions (i.e. settled instant payments and settled positive recall answer), the reports will be produced on a monthly basis and using the xls format, according to the template agreed and provided by the Level2.

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