

Change Request Form

General Information (Origin of Request)		
<input type="checkbox"/> User Requirements Document (URD) <input checked="" type="checkbox"/> User Detailed Functional Specification (UDFS) <input type="checkbox"/> User Handbook (UHB) <input checked="" type="checkbox"/> Other User Functional or Technical Documentation (SYS)		
Request raised by: Eurosystem	Institution: ECB	Date raised: 19/02/2025
Request title: New EPC requirements for statistical information		Request ref. no: TIPS-0091-SYS
Request type:		
1. Legal/business importance parameter: Medium	2. Market implementation efforts parameter – Stakeholder impact: Medium	
3. Operational impact: Medium	4. Financial impact parameter: Low	
5. Functional/ Technical impact: Medium	6. Interoperability impact: Medium	
Requestor Category: ECB	Status: Allocated to a release	

Reason for change(s) and expected benefits/business motivation:

This change request reflects the most urgent changes resulting from the new statistical framework for SCT Inst, adapted by the EPC in response to the Instant Payments Regulation (IPR).

The reason for implementing these changes into the existing TIPS Statistical framework is to provide a clearer overview of the behaviour of the PSPs adhering to the SCT Inst for monitoring purpose.

The updated set of statistical indicators will provide, on a quarterly basis, a consolidated overview of the market practice in terms of Instant Payment amount and response time.

Description of requested change(s):

The change request aims to align the EPC statistical framework in line with the adaptations imposed by the new Instant Payments Regulation. The adaptation of the EPC SCT Inst Rulebook with the implementation of the new sub-timelines 5/7/9, which replace the previous 10/20/25, imposes a change in the breakdown of the current EPC statistical indicator that are measuring the time required to receive a confirmation message.

Furthermore, to cater for the relief of the enforcement of a maximum instant payment amount at Rulebook level, the statistical indicator that reports the breakdown by instant payment transaction amount shall also be modified accordingly.

The following changes are envisioned:

(i) Breakdown of the IP settled transaction by amount

The indicator shall be enhanced, as reported below, taking into account the fact that a Maximum Instant Payment amount (formerly EUR 100,000.00) is no longer applied at SCT Inst Rulebook level.

Current figures	New figures
< 1.000	< 1.000
1.000 - 5.000	1.000 - 5.000
5.000 - 10.000	5.000 - 10.000
10000 - 15000	10.000 - 15.000
≥ 15.000	15.000 – 50.000 (updated threshold)
	50.000 – 100.000 (new threshold)
	100.000 - 500.000 (new threshold)

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500.000 - 1.000.000 (new threshold)

> 1.000.000 (new threshold)

(ii) Receipt of confirmation message: breakdown by response time

The selected indicator shall be enhanced, as reported below, taking into account the reduction of the sub-timelines in compliance with the requirements of the IPR. Furthermore, a breakdown for domestic and cross-border figures shall be provided.

Current figures for positive and negative confirmation	New figures for positive and negative confirmation (national)	New figures for positive and negative confirmation (cross-border)
Within 5 seconds	< 1 second (new threshold)	< 1 second (new threshold)
Within 10 seconds	1-2 seconds (new threshold)	1-2 seconds (new threshold)
Within 15 seconds	2-3 seconds (new threshold)	2-3 seconds (new threshold)
Within 20 seconds	3-4 seconds (new threshold)	3-4 seconds (new threshold)
Within 25 seconds	4-5 seconds (new threshold)	4-5 seconds (new threshold)
> 25 seconds	5-7 seconds (new threshold)	5-7 seconds (new threshold)
no confirmation after 25 sec	7-9 seconds (new threshold)	7-9 seconds (new threshold)
	9-10 seconds (new threshold)	9-10 seconds (new threshold)
	>10 seconds (new threshold)	>10 seconds (new threshold)
	No confirmation (new threshold)	No confirmation (new threshold)

Submitted annexes / related documents:



SMB 055-17 v3.0

Template SCT Inst sta

Proposed wording for the Change request:

TIPS UDFS R2025.OCT

1.5.7.1.1 Number of IP transactions per Amount

This indicator (TIPS.stat.1) gives the number of all the IP transactions in the period under analysis grouped by the amount of the operation. The final status of the transaction is irrelevant, therefore not only the settled, but also the unsettled operations ('rejected', 'failed' or 'expired') are involved into the calculation of the indicator.

In the table below there are the five amount ranges in which shall be divided the IP transactions:

Table 1 – Number of transactions per Amount

Amount	Indicator's reference
< 1.000	TIPS.stat.1.a

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Amount	Indicator's reference
1.000 - 5.000	TIPS.stat.1.b
5.000 - 10.000	TIPS.stat.1.c
10.000 – 15.000	TIPS.stat.1.d
<u>15.000 – 50.000</u>	<u>TIPS.stat.1.e</u>
<u>50.000 – 100.000</u>	<u>TIPS.stat.1.f</u>
<u>100.000 - 500.000</u>	<u>TIPS.stat.1.g</u>
<u>500.000 - 1.000.000</u>	<u>TIPS.stat.1.h</u>
<u>≥ 1.000.000</u> ≥15.000	<u>TIPS.stat.1.i</u> TIPS.stat.1.e

For ~~every of the three~~ all the mid-classes, only the left-side extremity is included in the range; whereby, if an IP transaction amounts to 5,000 € it will be part of the third range (5,000 – 10,000), while an operation of 10,000 € belongs to the fourth class (10,000 – 15,000).

[...]

1.5.7.1.3 Number of positive and negative confirmation messages per duration of the processing for national and cross-border transactions

~~This~~ These indicators (TIPS.stat.3 and TIPS.stat.4) gives respectively the number of settled IP transactions and unsettled (i.e. 'rejected', 'failed' or 'expired') IP transactions. Both indicators are divided by duration of the processing and by national and cross-border transactions.

In case of IP transaction with positive result, the duration of the processing is calculated as the time elapsed from acceptance timestamp to the settlement timestamp, i.e. with the reception of the positive confirmation messages.

In case of IP transaction with negative result, the duration of the processing is calculated as the time elapsed from the acceptance timestamp and the timestamp by when the transaction reached its final status, i.e. with the reception of the negative confirmation messages.

In the table below there are the ~~six~~ nine time ranges in which shall be divided the IP transactions. Furthermore, if no confirmation message is received, neither positive nor negative, the transaction is considered unsettled and counted in specific time range ("No confirmation"):

Table 2 – Number of settled or unsettled transactions divided by ~~per~~ duration of the processing and by national and cross-border transactions

Receipt of confirmation message	Indicator's reference
Within 5 seconds	TIPS.stat.3.a
Within 10 seconds	TIPS.stat.3.b
Within 15 seconds	TIPS.stat.3.c
Within 20 seconds	TIPS.stat.3.d
Within 25 seconds	TIPS.stat.3.e

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Receipt of confirmation message	Indicator's reference
> 25 seconds	TIPS.stat.3.f

Receipt of confirmation message	Number of confirmation messages (national)		Number of confirmation messages (cross-border)	
	Positive confirmation	Negative confirmation	Positive confirmation	Negative confirmation
< 1 second	TIPS.stat.3a.a	TIPS.stat.4a.a	TIPS.stat.3b.a	TIPS.stat.4b.a
1-2 seconds	TIPS.stat.3a.b	TIPS.stat.4a.b	TIPS.stat.3b.b	TIPS.stat.4b.b
2-3 seconds	TIPS.stat.3a.c	TIPS.stat.4a.c	TIPS.stat.3b.c	TIPS.stat.4b.c
3-4 seconds	TIPS.stat.3a.d	TIPS.stat.4a.d	TIPS.stat.3b.d	TIPS.stat.4b.d
4-5 seconds	TIPS.stat.3a.e	TIPS.stat.4a.e	TIPS.stat.3b.e	TIPS.stat.4b.e
5-7 seconds	TIPS.stat.3a.f	TIPS.stat.4a.f	TIPS.stat.3b.f	TIPS.stat.4b.f
7-9 seconds	TIPS.stat.3a.g	TIPS.stat.4a.g	TIPS.stat.3b.g	TIPS.stat.4b.g
9-10 seconds	TIPS.stat.3a.h	TIPS.stat.4a.h	TIPS.stat.3b.h	TIPS.stat.4b.h
>10 seconds	TIPS.stat.3a.i	TIPS.stat.4a.i	TIPS.stat.3b.i	TIPS.stat.4b.i
No confirmation	TIPS.stat.4a.j		TIPS.stat.4b.j	

For every class the upper extremity is included in the range; whereby, if a message is received after exactly 402 seconds it will be part of the second class.

1.5.7.1.4 Number of negative confirmation messages per duration of the processing

This indicator (TIPS.stat.4) gives the number of unsettled IP Transaction (i.e. 'rejected', 'failed' or 'expired') divided by duration of the processing. In case of IP transaction with negative result, the duration of the processing is calculated as the time elapsed from the acceptance timestamp and the timestamp by when the transaction reached its final status, i.e. with the reception of the negative confirmation messages. Furthermore, if no confirmation message is received, neither positive nor negative, the transaction is considered unsettled and counted in specific time range ("No confirmation"). In the table below there are the seven ranges in which shall be divided the IP transactions:

Table 3 – Number of unsettled IP transactions per duration of processing

Receipt of confirmation message	Indicator's reference
Within 5 seconds	TIPS.stat.4.a
Within 10 seconds	TIPS.stat.4.b
Within 15 seconds	TIPS.stat.4.c
Within 20 seconds	TIPS.stat.4.d

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Receipt of confirmation message	Indicator's reference
Within 25 seconds	TIPS.stat.4.e
> 25 seconds	TIPS.stat.4.f
no confirmation after 25 sec	TIPS.stat.4.g

For every class the upper extremity is included in the range; whereby, if a message is received after exactly 5 seconds it will be part of the first class.

4.3.1 List of general SCT Inst Indicators

_ The table below contains the exhaustive list of general SCT Inst Indicators present in TIPS. The detailed information about these measures is defined in paragraph [Error! Reference source not found.](#) **“Error! Reference source not found.”**.

Label	Indicator's reference
Period (month or quarter):	
SCT INST TRANSACTIONS	
Amount	
< 1.000	TIPS.stat.1.a
1.000 - 5.000	TIPS.stat.1.b
5.000 - 10.000	TIPS.stat.1.c
10000 – 15000	TIPS.stat.1.d
<u>15.000 – 50.000</u>	<u>TIPS.stat.1.e</u>
<u>50.000 – 100.000</u>	<u>TIPS.stat.1.f</u>
<u>100.000 - 500.000</u>	<u>TIPS.stat.1.g</u>
<u>500.000 - 1.000.000</u>	<u>TIPS.stat.1.h</u>
<u>≥ 1.000.000</u>	TIPS.stat.1.ej
Hour	
00h00 - 06h00 CET	TIPS.stat.2.a
06h00 - 12h00 CET	TIPS.stat.2.b
12h00 - 18h00 CET	TIPS.stat.2.c
18h00 - 00h00 CET	TIPS.stat.2.d
Duration of processing (<u>national</u>)	
<u>< 1 second</u>	<u>TIPS.stat.3a.a/ TIPS.stat.4a.a</u>
<u>1-2 seconds</u>	<u>TIPS.stat.3a.b/ TIPS.stat.4a.b</u>

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Label	Indicator's reference
<u>2-3 seconds</u>	<u>TIPS.stat.3a.c/ TIPS.stat.4a.c</u>
<u>3-4 seconds</u>	<u>TIPS.stat.3a.d/ TIPS.stat.4a.d</u>
<u>4-5 seconds</u>	<u>TIPS.stat.3a.e/ TIPS.stat.4a.e</u>
<u>5-7 seconds</u>	<u>TIPS.stat.3a.f/ TIPS.stat.4a.f</u>
<u>7-9 seconds</u>	<u>TIPS.stat.3a.g/ TIPS.stat.4a.g</u>
<u>9-10 seconds</u>	<u>TIPS.stat.3a.h/ TIPS.stat.4a.h</u>
<u>>10 seconds</u>	<u>TIPS.stat.3a.i/ TIPS.stat.4a.i</u>
<u>No confirmation</u>	<u>TIPS.stat.4a.j</u>
<u>Duration of processing (cross-border)</u>	
<u>< 1 second</u>	<u>TIPS.stat.3b.a/ TIPS.stat.4b.a</u>
<u>1-2 seconds</u>	<u>TIPS.stat.3b.b/ TIPS.stat.4b.b</u>
<u>2-3 seconds</u>	<u>TIPS.stat.3b.c/ TIPS.stat.4b.c</u>
<u>3-4 seconds</u>	<u>TIPS.stat.3b.d/ TIPS.stat.4b.d</u>
<u>4-5 seconds</u>	<u>TIPS.stat.3b.e/ TIPS.stat.4b.e</u>
<u>5-7 seconds</u>	<u>TIPS.stat.3b.f/ TIPS.stat.4b.f</u>
<u>7-9 seconds</u>	<u>TIPS.stat.3b.g/ TIPS.stat.4b.g</u>
<u>9-10 seconds</u>	<u>TIPS.stat.3b.h/ TIPS.stat.4b.h</u>
<u>>10 seconds</u>	<u>TIPS.stat.3b.i/ TIPS.stat.4b.i</u>
<u>No confirmation</u>	<u>TIPS.stat.4b.j</u>
Within 5 seconds	TIPS.stat.3.a/TIPS.stat.4.a
Within 10 seconds	TIPS.stat.3.b/TIPS.stat.4.b
Within 15 seconds	TIPS.stat.3.c/TIPS.stat.4.c
Within 20 seconds	TIPS.stat.3.d/TIPS.stat.4.d
Within 25 seconds	TIPS.stat.3.e/TIPS.stat.4.e
> 25 seconds	TIPS.stat.3.f/TIPS.stat.4.f
no confirmation after 25 sec	TIPS.stat.4.g
Investigations	
[Number of Investigations]	TIPS.stat.5.a

High-level description of Impact:

The purpose of this CR is to enhance the EPC statistical framework in line with the adaptations imposed by the new

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Instant Payments Regulation. The adaptation of the EPC SCT Inst Rulebook with the implementation of the new sub-timelines 5/7/9, which replace the previous 10/20/25, imposes a change in the breakdown of the current EPC statistical indicator that are measuring the time required to receive a confirmation message.

Furthermore, to cater for the relief of the enforcement of a maximum instant payment amount at Rulebook level, the statistical indicator that reports the breakdown by instant payment transaction amount shall also be modified accordingly.

Impacts on other projects and products:

No impact is foreseen on other TARGET Services:

- T2: no impact
- ECMS: no impact
- T2S: no impact

Outcome/Decisions:

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L3 analysis - General Information	
Impact on TIPS	
Business Interface	
	A2A Interface
	U2A Interface
Settlement Engine	
	Payment Transaction
	Liquidity Transfer
	Recall
Queries and Reports	
	Queries
	Reports
Other functions	
	Local Reference Data Management
X	Statistics
	Complex Queries and Reports
	Mobile Proxy Look-up
Common Components	
	ESMIG
	CRDM
	Archiving
	Billing
	DMT
Operational Tools	
	SLA Reporting
	TMS
	Technical Monitoring

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	Change Management	
	Capacity Management	
Infrastructure request		
	Application components impacted	
	Application components not impacted	
Operational activities		
	Business activities impacted	
	Technical activities impacted	
New functionalities		
	Enhanced Information Database (EIDB)	
Impact on documentation		
Document	Chapter	Change
TIPS UDFS	1.5.7.1.1 Number of IP transactions per Amount	new thresholds defined as per IPR requirements
	1.5.7.1.3 Number of positive confirmation messages per duration of the processing	updated to include negative confirmations and division by domestic and cross-border transactions as per IPR requirements
	1.5.7.1.4 Number of negative confirmation messages per duration of the processing	section removed
	4.3.1 List of general SCT Inst Indicators	section updated with new thresholds
TIPS UHB	n/a	n/a
Training documentation	n/a	n/a
Other documents	n/a	n/a
Impacted GDPR message / screen fields	n/a	n/a

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Overview of the impact of the request on TIPS (L2 view)

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

Summary of functional impact:

In order to align TIPS EPC statistical framework in response to the Instant Payments Regulation (IPR), the following changes shall be performed:

- 1) The adaptation of the EPC SCT Inst Rulebook with the implementation of the new sub-timelines 5/7/9, which replace the previous 10/20/25, imposes a change in the breakdown of the current EPC statistical indicator that are measuring the time required to receive a confirmation message. The selected indicator shall be enhanced, as reported below, taking into account the reduction of the sub-timelines in compliance with the requirements of the IPR. Furthermore, a breakdown for domestic and cross-border figures shall be provided. The functional TIPS impacts stemming from this update can be summarized in the Table below:

Current figures for positive and negative confirmation	New figures for positive and negative confirmation (national)	New figures for positive and negative confirmation (cross-border)
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Within 10 seconds	1-2 seconds (new threshold)	1-2 seconds (new threshold)
Within 15 seconds	2-3 seconds (new threshold)	2-3 seconds (new threshold)
Within 20 seconds	3-4 seconds (new threshold)	3-4 seconds (new threshold)
Within 25 seconds	4-5 seconds (new threshold)	4-5 seconds (new threshold)
> 25 seconds	5-7 seconds (new threshold)	5-7 seconds (new threshold)
no confirmation after 25 sec	7-9 seconds (new threshold)	7-9 seconds (new threshold)
	9-10 seconds (new threshold)	9-10 seconds (new threshold)
	>10 seconds (new threshold)	>10 seconds (new threshold)
	No confirmation (new threshold)	No confirmation (new threshold)

- 2) Furthermore, to cater for the relief of the enforcement of a maximum instant payment amount at Rulebook level, the statistical indicator that reports the breakdown by instant payment transaction amount shall also be modified accordingly. The indicator shall be enhanced, as reported below, taking into account the fact that a Maximum Instant Payment amount (formerly EUR 100,000.00) is no longer applied at SCT Inst Rulebook level. The functional TIPS impacts stemming from this update can be summarized in the Table below:

Current figures	New figures
< 1.000	< 1.000
1.000 - 5.000	1.000 - 5.000
5.000 - 10.000	5.000 - 10.000
10000 - 15000	10.000 - 15.000
≥ 15.000	15.000 – 50.000 (updated threshold)
	50.000 – 100.000 (new threshold)
	100.000 - 500.000 (new threshold)
	500.000 - 1.000.000 (new threshold)
	≥ 1.000.000 (new threshold)

- 3) Removal of section 1.5.7.1.4 *Number of negative confirmation messages per duration of the processing* considering its inclusion in the updated section 1.5.7.1.3

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4) Update of section 4.3.1 *List of general SCT indicators* considering the new thresholds

Furthermore, all national and cross-border statistical indicators grouped by the country code shall be updated to also include new country codes for AL and ME.

Summary of application development impact:

Impacts on "TIPS Core"

Additional Services module:

- Modify the daily aggregates query that builds the pre-aggregates for "Number of IP settled transaction by amount" indicator: the grouping thresholds for amounts have to be updated according to the new values.
- Modify the daily aggregates query that builds the pre-aggregates for "Number of Receipt of confirmation messages" indicators: the grouping criteria have to be updated.
- Add the daily aggregates query that builds the pre-aggregates for "Number of Receipt of confirmation messages (national positive)" indicator.
- Add the daily indicators query that builds the "Number of Receipt of confirmation messages (national negative)" indicator.
- Add the daily indicators query that builds the "Number of Receipt of confirmation messages (cross-border positive)" indicator.
- Add the daily indicators query that builds the "Number of Receipt of confirmation messages (cross-border negative)" indicator.
- Remove the daily indicators query that builds the "Number of Receipt of confirmation messages (positive) indicator.
- Remove the daily indicators query that builds the "Number of Receipt of confirmation messages (negative) indicator.
- Update the internal reference metadata used to build the indicators' names and values. Ref metadata for the new/updated indicators have to be added: *Number of IP settled transaction by amount*, *Number of Receipt of confirmation messages (national positive)*, *Number of Receipt of confirmation messages (national negative)*, *Number of Receipt of confirmation messages (cross-border positive)*, *Number of Receipt of confirmation messages (cross-border-negative)*.
Internal reference metadata for the removed indicators have to be removed: *Number of Receipt of confirmation messages (positive)*, *Number of Receipt of confirmation messages (negative)*

TIPS UI:

- Update the "stat report" generation process by leveraging the new Excel template so to fill the added/updated indicators.

No impact on CoCo side.

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No impact

Summary of operational impact:

No impact

Summary of security impact:

See Change Request Analysis.