

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 checked="" type="checkbox"/> User Handbook (UHB) <input checked="" type="checkbox"/> Other User Functional or Technical Documentation (SYS)		
Request raised by: Sveriges Riksbank	Institution:	Date raised: 18/04/2024
Request title: Visibility of AAU BICs of SEK community in the TIPS Directory		Request ref. no: TIPS-0077-SYS
Request type: Technical change		
1. Legal/business importance parameter: Medium	2. Market implementation efforts parameter – Stakeholder impact: Low	
3. Operational impact: Low	4. Financial impact parameter: Low	
5. Functional/ Technical impact: Low	6. Interoperability impact: Medium	
Requestor Category: National Central Bank		Status: Registered

Reason for change and expected benefits/business motivation:

In TIPS there are two different types of settlement models for the processing of instant payments, respectively the Single Instructing Party (SIP) and the Standard Settlement model. Currently, the SIP model is only used in the Swedish market and participants in the Swedish market have a set up in which different BICs are used for each settlement model. For example, the AAUs for one participant can be setup like this: AABBSSESSSIP and AABBSSESSSTD.

If an Originator participant that relies on the Standard Settlement model sends an instant payment to a counterparty BIC devoted for the Single Instructing Party model, this will lead to consistent rejections as the recipient cannot receive instant payments on that specific BIC. This is a consequence of the fact that the setup and business model by the current SIP do not entail interoperability with the Standard Settlement model.

The proposed change request, which is dedicated solely to Swedish market and participants operating in SEK, is, therefore to add a Yes/No choice whether the AAU should be visible in TIPS Directory (public) or not when creating an AAU, or when editing the setup of an existing AAU devoted for the Single Instructing Party model. The choice should only be enabled for the actor that has the privilege to create/edit an AAU. TIPS Directory will then only show the AAU BICs that are chosen to be visible.

If the change request is not implemented, it could lead to a higher rejection rate of payments on the SEK market.

Description of requested changes:

The proposal is to add a Yes/No choice whether an AAU BIC should be public and therefore visible in the TIPS Directory or not. The choice should only be enabled for the actor that has the privilege to create/edit an AAU. This filter should then be applied when the TIPS Directory in the given currency is produced.

However, the change of the flag in the reference data shall be prevented if the TIPS account referenced into the AAU is denominated in a currency different from SEK. All the existing and newly created AAUs for accounts denominated in a currency different from SEK, should not be modifiable. Their default value for this new flag should always allow the publication into the respective TIPS Directory.

The same behaviour should apply also to the TIPS Directory search/list screen.

Change Request form

Submitted annexes / related documents:

Proposed wording for the Change request:

CRDM UHB

1) § 2.3.2.6 Authorised Account User – Search/list Screen

Screenshot *(the screenshot will be updated in order to include the new field)*

Fields

Authorised Account User - Search Criteria	
Description	[...]
Unlimited Maximum IP Amount	Select whether to search only Authorised Account Users for which 'Maximum IP Amount' is equal to "Unlimited".
TIPS Directory exclusion	Select the TIPS Directory exclusion from the possible values: <input type="checkbox"/> All (default value) <input type="checkbox"/> Yes <input type="checkbox"/> No
Valid From From	Enter or pick the lower bound for the opening date of the Authorised Account User. Required format is: Date.
[...]	[...]

Authorised Account User - List	
[...]	[...]
Maximum IP Amount	Shows the Maximum Amount for Instant Payment transaction. In case the value defined for the Authorised Account User is lower than the default value for the Maximum IP Amount defined in the system for the same currency of the TIPS Account linked to the Authorised Account User, the latter is shown.
TIPS Directory exclusion	Shows whether the Authorised Account User is hidden from the TIPS Directory.

Change Request form

Valid From	Shows the date from which the Authorised Account User is valid.
[...]	[...]

2) § 2.3.2.7 Authorised Account User – New/Edit Screen

Screenshot *(the screenshot will be updated in order to include the new field)*

Fields

Description

Authorised Account User	
[...]	[...]
Unlimited Maximum IP Amount	<p>Selected whether to set the Authorised Account User 'Maximum IP Amount' as Unlimited.</p> <p>The behaviour of this field depends on the chosen Cash Account.</p> <p>It is enabled when Cash Account is inserted and if it is a TIPS Account, TIPS AS Technical Account, or a TIPS CMB.</p> <p>The content is blanked when the cash account content changes.</p> <p>The field is disabled if the chosen Cash Account is different from TIPS Account, TIPS AS Technical Account, and TIPS CMB.</p>
TIPS Directory exclusion	<p>Select whether the Authorised Account User should be hidden or not in the TIPS Directory.</p> <p>The field is enabled and mandatory when the inserted cash account type is TIPS Account, TIPS Ancillary System Technical Account or TIPS Credit Memorandum Balance. It is disabled and empty otherwise.</p> <p>TIPS Directory exclusion can be set to "Yes" only if the currency code of the cash account (or account number linked to TIPS CMB) is SEK (check at back-end level).</p> <p>Reference for error message:</p> <ul style="list-style-type: none"> I DCC2020 I DCC2021 I DCU2020 I DCU2021

Change Request form

Valid From	<p>Enter the date from which the Authorised Account User is valid.</p> <p>Reference for error message:</p> <ul style="list-style-type: none"> DCC2004 DCU2003 DCU2004 DCU2005 <p>The field is mandatory in create mode.</p> <p>The field is read-only in edit mode.</p> <p>Required format is: Date.</p>
[...]	[...]

Buttons

Buttons	
Submit	<p>This function enables the user to create or edit an Authorised Account User according to the information filled in the fields.</p> <p>Reference for error message []:</p> <ul style="list-style-type: none"> DCC2001 DCC2002 DCC2003 DCC2004 DCC2005 DCC2006 DCC2007 DCC2008 DCC2009 DCC2010 DCC2011 DCC2020 DCC2021 DCU2001 DCU2002 DCU2003 DCU2004 DCU2005 DCU2006 DCU2007 DCU2008

Change Request form

	<ul style="list-style-type: none"> DCU2009 DCU2010 DCU2020 DCU2021
[...]	[...]

3) § 4.3.2.12 Authorised Account User – New/Edit Screen

Reference for error message	Field or Button	Error Text	Description
[...]	[...]	[...]	[...]
DCC2012	<ul style="list-style-type: none"> Authorised Account User BIC field Cash Account Number field Submit button 	Authorised Account User BIC already defined for Contingency Account	At any given point in time, CLM Central Bank Accounts/Main Cash Accounts/Ancillary System Technical Accounts cannot have multiple Authorised Account Users with different Authorised Account User BICs, if they are linked to a Central Bank Contingency Account/Contingency Cash Account/Contingency Technical Account.
DCC2020	 Submit button	Invalid use of TIPS Directory exclusion	TIPS Directory exclusion can only be used and is mandatory for TIPS Accounts, TIPS AS Technical Accounts and TIPS CMBs. Otherwise the field is not used.
DCC2021	 Submit button	Invalid use of TIPS Directory exclusion	TIPS Directory exclusion must be set to No if the currency code of the TIPS Account, TIPS AS Technical Account, Account Number linked to TIPS CMB is different from SEK.
DCU2001	Submit button	Requestor not allowed	<p>Authorised Account Users can be updated only by the Service Operator, NCBs, Payment Banks or Ancillary Systems.</p> <p>NCBs can update Authorised Account Users within their own System Entities. Payment Banks and Ancillary Systems can update Authorised Account users for Cash Accounts owned by them and for the TIPS CMBs linked to these Cash Accounts.</p>
[...]	[...]	[...]	[...]
DCU2011	Authorised Account User BIC field	Authorised Account User BIC already defined for	At any given point in time, a CLM Central Bank Accounts/Main Cash Accounts/Ancillary System Technical Accounts cannot have multiple

Change Request form

8	H	Participation Type	Possible values are: • DIRE • INDI • MAD I • MAC I • ADCO • ADDI • ADIN • ADBC • EXCL	Type of participation for RTGS service •DIRE = Direct •INDI = Indirect •MADI = Multi Addressee – Branch of Direct Participant • MACI = Multi Addressee – Credit Institution • ADCO = Addressable BIC - Correspondent • ADDI = Addressable BIC – Branch of Direct Participant • ADIN = Addressable BIC – Branch of Indirect Participant • ADBC = Addressable BIC – Branch of Correspondent • EXCL = Exclusion (BIC excluded from participation)		0..1	
9	I	TIPS Directory exclusion	BOOLEAN	Specifies whether the Authorised Account User must be hidden from the TIPS Directory	This field is mandatory for TIPS Accounts, TIPS AS Technical Accounts and TIPS CMBs. It is not allowed in any other case.	0..1	

High-level description of Impact:

The change request aims at excluding from the TIPS directory specific BICs used for the Single Instructing Party model. The possibility to exclude these BICs is granted for TIPS Account, TIPS CMB, TIPS AS Technical Account when creating or updating Authorised Account Users whose referenced accounts are denominated in SEK currency.

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:

Change Request form

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

Change Request form

	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	n/a	n/a
TIPS UHB	n/a	n/a
Training documentation	n/a	n/a
Other documents	<p>CRDM UHB</p> <p>2.3.2.6 Authorised Account User – Search/list Screen</p> <p>2.3.2.7 Authorised Account User – New/Edit Screen</p> <p>4.3.2.12 Authorised Account User – New/Edit Screen</p> <p>CRDM UDFS</p> <p>1.4.4.1 Purpose</p> <p>4.5.3.36 Authorised Account User</p>	<p>Update of the search/list screen of the AAU to include the new field TIPS Directory exclusion</p> <p>Update of the new/edit screen of the AAU to include the new field TIPS Directory exclusion</p> <p>Inclusion of business rules DCC2020, DCC2021, DCU2020, DCU2021</p> <p>Update of TIPS directory section to exclude BICs having TIPS Directory exclusion set to “Yes”</p> <p>Introduction of field TIPS Directory exclusion for DMT</p>
Impacted GDPR message / screen fields	n/a	n/a

Change Request form

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

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

Summary of functional impact:

The purpose of the change request is to exclude from the TIPS directory specific BICs used for the Single Instructing Party model in the Swedish market. It would reduce rejections caused by Originator participants that rely on the Standard Settlement model and send instant payments to counterparty BICs devoted for the Single Instructing Party model.

CRDM

The possibility to exclude BICs from the TIPS Directory introduces changes on the Common Reference Data Management (CRDM) side, in particular on the CRDM UDFS, UHB and IDFS¹.

When creating or updating Authorised Account Users, a dedicated new field will allow to set the visibility or not in the TIPS directory. The exclusion will be possible only for SEK currency and will be applicable only for TIPS Accounts, TIPS CMBs and TIPS AS Technical Accounts. Hence TIPS Directory Exclusion can only be used for TIPS account types and can only be set to yes when the currency code of the account is SEK. These rules will be enforced by means the introduction of business rules DCC2020, DCC2021, DCU2020, DCU2021.

The search criteria in the Authorised Account Users search screen will include this new field as search criterion. The list screen will be updated to include this information. The generation of the TIPS Directory will be also modified in order to exclude these specific BICs.

The possibility to set and change the flag will be enabled for the users having the privileges to create or edit AAU.

Data Migration Tool will be updated in order to include the new column "TIPS Directory exclusion" when creating new Authorised Account Users.

For all the Authorised Account users, whose account type is TIPS Account, TIPS Ancillary System Technical Account or TIPS Credit Memorandum Balance, that were created before the introduction of the TIPS Directory exclusion field, the new value will be set to 'No' when the TIPS CR0077 will be released.

For all other Authorised Account users, the new value will be empty.

Summary of application development impact:

CRDM U2A

Change of Authorised Account User – Search/list Screen to manage the new attribute

Change of Authorised Account User – New Screen to manage the new attribute

Change of Authorised Account User – Edit Screen to manage the new attribute

CRDM Backend

Change of Authorized Account User - create to add two business rules (DCC2020, DCC2021)

Change of Authorized Account User - update to add two business rules (DCU2020, DCU2021)

¹ Internal Detailed Functional Specification, which is a 4CB internal documentation (e.g. used for CRDM and inherited by the former T2S Static Data Management).

Change Request form

Change of Authorized Account User - restore to manage the new field

Change of Authorized Account User - delete to manage the new field

Change of TIPS_Directory (Total mode)

Change of TIPS_Directory (Delta mode)

- modify view VICAAAUX_AUTH_ACCOUNT_USER to add new attribute

- Change of table TICAAAUA_AUTH_ACCOUNT_USER to add the new attribute TIPS Directory exclusion

- Create DML to update the attribute setting value as 'F' for already existing records

DMT

Change of DMT Authorised Account Users new functionality to manage the new attribute

Summary of infrastructure impact:

No infrastructure impact.

Summary of operational impact:

No operational impact.

Summary of security impact:

See Change Request Analysis.