



## Specifications Document – The Migration of Auto Credit Services

This document details the changes in technical specifications that you can expect from ACH (Auto Credit) migration. The ACH will be migrated from ECG (“Electronic Clearing System”) to FPS (“Faster Payment System”) C3 in Hong Kong built on our new payment platform – SC Pay. The changes are limited to **outward Auto Credit Payments, Payroll payments and converted Book Transfers payments** on Straight2Bank (“S2B”) NextGen and H2H. Please note that there will be no changes to Inward ACH and other payment products – i.e., Book Transfer (BT), Real Time Gross Settlement (RTGS), Telegraphic Transfers and Cheque payments, we will inform you in the future when those payments are migrated to our new payment platform - SC Pay.

The key changes post migration is below:

- A. [Payee name field extension to 140 characters](#)
- B. [Payee Name Mismatch Report](#)
- C. [Numeric Transaction Code](#)
- D. [Advice to beneficiary](#)
- E. [Payment status code](#)
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### **A. Payee Name field extension to 140 characters**

- The length of payee name will be extended to up to 140 characters, when Auto Credit payments and Payroll payments are initiated via Straight2Bank NextGen and submitted via bulk import, iH2H, H2H.
- If you are submitting Auto Credit payment, Payroll instructions through S2B via bulk upload, iH2H, H2H or H2H initiation. You are required to extend the capacity of payee name length up to 140 characters in your system and output file if payee name field length cannot support to key in full payee name.
- Below table lists in-scope payment file format and changed place holder field for payee name:



Payment File Format	Place holder for Payee Name
Bank Standard Format (ipayment CSV)	P11 - Payee/Beneficiary Name in BO
Custpay CSV	P19 - Payee Name in BO System
ISOPAY3	/PmtInf/CdtTrfTxInf/Cdtr/Nm
PAYMENTJSON	Instruction.creditor.name

## B. Payee Name Mismatch Report

- As payer, you have responsibility to ensure the accuracy of payee names and other payment details. With FPS C3, you will be able to access Straight2Bank NextGen from the effective date and onwards to download our Payee Name Mismatch Report to review the name matching results on Auto Credit payments and Payroll transactions. You may refer to this report to identify the transactions in which payee name are mismatched reported by payee banks.
- Please work with your payees to confirm the correct payee name from soonest to avoid potential rejection of instruction in case of name mismatch in the future. **Timelines of potential rejection of instruction will be communicated in due course once formally confirmed by regulators.**
- Generally, **the payee banks will validate the payee name by referring to the name provided by their customers (“payees”) when they opened the relevant bank account. Please also note the validation of payee name will be subject to payee bank’s sole discretion.**

The below table displayed the details of the report

Items	Description
Report Names	<ol style="list-style-type: none"> <li>Payroll payments report name: Payroll Batch Credit – PAYEE NAME REPORT FROM PAYEE BANKS</li> <li>Auto Credit Payments report name: Non-Payroll Batch Credit – PAYEE NAME REPORT FROM PAYEE BANKS</li> </ol>
Format	PDF
Supported Channels & Delivery Methods	<ol style="list-style-type: none"> <li>Straight2Bank NextGen Web: Reports can be extracted from My Scheduled Reports</li> <li>Straight2Bank NextGen H2H: If you have H2H connectivity with our Bank, the reports will be delivered through H2H channel. No additional setups are required from your end.</li> </ol>
Frequency	Daily - Reports will be available at the beginning of each day to show the data of the previous day



Items	Description
Accessible User	<p>Users who have access to Consolidated Payment Items report today will be able to view the Payee Name Mismatch reports.</p> <p>The data each user can see on the reports depends on the data entitlements each user has.</p> <p>For "PAYROLL BATCH CREDIT – PAYEE NAME REPORT FROM PAYEE BANKS" report, no transaction amounts are included.</p>
Validity of the reports	Report available for prior period up to 90 days
Name Mismatch Reason Codes	<ul style="list-style-type: none"> <li>• NAMEMM: Payee name fully does not match with the record maintained in payee bank</li> <li>• PARTNM: Payee name partially matches with the record maintained in payee bank</li> </ul> <p>The transactions captured in report would be pass-through by Payee Bank in clearing response, and payee Bank has discretion to decide the payee name is partially matched or fully mismatched.</p>

Samples of Payee Name Mismatch reports provided [here](#)

### C. Numeric Transaction Code

- The TRAN CODE ("Transaction Code") is generated by our new payment processing platform, to be included in a variety of reports you download via S2B, H2H or SWIFT channels for you to identify the payment types.
- The TRAN CODE generated from the existing ECG clearing will be changed as per the below table for outward ACH, Payroll and converted Book Transfers (initiated by client from our Bank, and the payee account is also held within our Bank)

The TRAN CODEs below can reflect different payment types,

Payment type	As-is Tran Code	To-Be Tran Code
Outward ACH / PAY Itemized Debit	9171	6061
Outward ACH / PAY Consolidated Debit	9171	6063
Converted Book Transfers	9596 / 8495	7061
Reversal / Return on original consolidated / itemized payment (Auto Credit payments and payroll)	9172 / 8541 / 8048	7063



Payment type	As-is Tran Code	To-Be Tran Code
Reversal of converted book transfer	8541 / 8048	7065

- If you are a S2B H2H user and already subscribed to BAI industry standard codes for all reports, there will be no impact to you.
- If you are using the as-is Transaction code (not using BAI industry standard code), below reports will be impacted. You will receive new numeric transaction code, potentially you may have to make changes in your system.

#	Standard Formats	Channel Delivery	Tran code / BAI codes placeholder	BAI
1	XML-FINID	ALL	TxnInfo/OrgTxnTyp	No
2	MCFFIN3	ALL	TxnInfo/OrgTxnTyp	No

Changes on reports received via different channels are captured in the below table. Please refer to the attachment for details.

Channel	Impact	Attachment Links
Print Statement	No Impact	Not applicable
Swift Statement (Core Banking)	No Impact	Not applicable
S2B Web	Please click link attachment link	<a href="#">Tran Code Changes impact on Straight2Bank NextGen</a>
H2H (including Swift statements)	Please click link attachment link  In column E of the attached excel file, where BAI is captured as "No", you will receive the new 4 digit changed Tran Code. For reports captured as "Yes" there is no impact for you as you will still receive the industry standard BAI code.	<a href="#">Tran Code H2H Report Changes</a>

#### D. Advice to beneficiary

- For your better experience, our Bank enhanced the Auto Credit payment email advice to your payees which can be generated by S2B Web/H2H users for notifying beneficiaries during payment processing.
- Advice will be provided in pdf format and will be password protected.

Below are samples of the new and existing advice for your reference,

*This is a computer-generated letter, no signature is required*



Advice Type	Sample Report	Additional Information under Revised advice
Payee Advice	<a href="#">Payee Advice Samples (To-be and As-is).pdf</a>	1. Payee Bank Name 2. Payee Bank Code

## E. Payment Status Code

- When you initiate payments via S2B Web, Bulk Import and H2H, you will receive the status of the payments through the same channel.
- Under SC Pay routing, we provide three new payment status codes so that you can identify the final status of your payment, the payment status codes are subject to how Payee Bank sends to our Bank.
- The numeric status codes updated from payment processing system back to Channels (S2B Web / H2H) and corresponding status description are captured in the below table. It must be noted that these statuses codes are sent hierarchically by payment system back to channels (S2B / H2H), hence multiple statuses can be sent for each transaction.

Code	New code	Description
62	-	Status sent by payment system immediately upon receipt of the payment
44	-	Transaction is internally rejected by the Bank
64	-	Processed successfully at payment system
69	Yes	Sent by payments system post receipt of confirmation from clearing that the beneficiary bank has credited the payee – i.e., Credit Successful
72	Yes	Payment is rejected by local clearing / Beneficiary Bank – i.e., Credit Rejected
48	Yes	Payment is returned by Beneficiary – i.e., Credit Returned

The payment status code changes are captured in the table below.



Use case	Current Code (Sent hierarchically)	New Code (Sent hierarchically)	F1 / F2 mapping (for CSV reports)	ISO mapping (For ISO BANSTA reports)
Payment processed successfully and credited to beneficiary	62	62	62 – F3	62 – ACSP
	64	64	64 – F1	64 – ACSP
		69	69 – F1	69 – ACSP
Payment rejected at SC	62	62	62 – F3	62 – ACSP
	44	44	44 – F2	44 – RJCT
Payment rejected by clearing / beneficiary bank	62	62	62 – F3	62 – ACSP
	44	64	64 – F1	64 – ACSP
		72	72 – F2	72 – RJCT
Payment returned by Beneficiary Bank	62	62	62 – F3	62 – ACSP
	44	64	64 – F1	64 – ACSP
		48	48 – F2	48 – RJCT

Impact on Reports received via different channels are captured in the below table, please refer to the attachment for the detailed impact.

Channel	Impact	Attachments
Print Statement	No Impact	NA
Swift Statement (Core Banking)	No Impact	NA
S2B Web	There is no material impact to the Web reports and attached excel captures the various reports that carry the statuses	NA
H2H (Including Swift statements)	The <b>CSV BANSTA</b> and <b>ISO BANSTA</b> reports will carry the statuses as-is, this concludes Credit Successful or Credit Rejected or Credit Returned statuses. It must be noted that since we have added three new payment status codes, multiple F1 report can be generated (One for 64 and one for 69).	<a href="#">H2H Payment Status Code Impact</a>

## F. Narration



1. The Payment narrations will be captured in a variety of reports used for your reconciliation. As part of our endeavour to provide enriched and global standardised narrations, you will experience more affluent narrations post ACH Migration. Details of all the narration changes are captured in this section.
2. Refer below document which provides comparison of existing and revised narrations
  1. Below spreadsheets capture the narration changes for converted Book Transfer, ACH and Payroll payment products across Itemized Debit, Consolidated Debit, Internal Rejects, External Rejects and Returns.
  2. The as-is narrations (as-is narrations you receive today) and to-be narrations (to-be narrations you will receive post ACH Migration) are captured in below sheet under existing and revised columns. Please click the link [here](#) to find the “Narration Changes” document.

Impact on Reports received via different channels are captured in the below table. Please refer to the respective attachments for detailed impact.

Channel	Impact	Attachments
Print Statement	Refer “Narration Changes” document as above	Not applicable
Swift Statement (Core Banking)	Please click link attachment link	<a href="#">Core Banking SWIFT MT Report Impact Changes</a>
S2B Web H2H (Including Swift statements)	Please click link attachment link	Refer column C to filter by Web and H2H reports <a href="#">Narration Impacts for H2H and Straight2Bank</a>

#### G. ISO format for payment currency

- Aligning to the ISO 20022 standards, the bank will start validating the amount field in conjunction with the decimal places allowed.
- For example, HKD or CNY payments allow only 2 decimal places and if you provide more than 2 digits in the payment instruction file, the transaction will be rejected

#### H. Debit value date for transaction processing



- For transactions received before cut-off time 21:00 HKT as per value date, transaction amount will be debited from your account immediately for settlement and will be indicated in payment instruction.
- For transactions submitted after cut-off time 21:00 HKT, the transactions will be processed next day. Future-dated transactions will be warehoused and processed on value date.

## I. Report Samples

Straight2Bank Reports	Samples
MT942	<a href="#">MT942 To-be and As-is Samples</a>
MT940	<a href="#">MT940 To-be and As-is Samples</a>
Operating Account Statement	<a href="#">Operating Account Statements Samples (To-be and As-is)</a>
Intra-day Transaction Details	<a href="#">Intra-day Transaction Details Report Samples (To-be and As-is)</a>
Payee Name Mismatch Report	<a href="#">Payee Name Mismatch Report Samples</a>



## Glossary

Terms	Description
Bank	Standard Chartered Bank (Hong Kong) Limited.
You	Clients of Business Banking
ACH	Auto Credit Services
ECG	Electronic Clearing System. The current clearing system in Hong Kong is clearing and settling various types of small-value electronic payments.
FPS C3	This is a bulk credit transfer service under FPS. It is most suitable for low priority payment that are not time critical such as regular monthly salary payments. In this letter, we are referring to outward ACH, Payroll payments and converted Book Transfer payments.
Converted Book Transfer	Payers and Payees' accounts are both held in our Bank.
Core Banking	Bank's back-end system
SC PAY	New global payments platform
S2B / S2B Web	Straight2Bank refers to our Bank's fully integrated internet banking platforms.
H2H	Host to Host. The channel used by clients to submit bulk transactions from client's ERP systems
iH2H	Internet Host-to-Host. The channel used by clients to upload a pre-formatted data file exported from your back-office system to Straight2Bank Web.
BAI industry standards	Bank Administration Institute Transaction codes industry standard set of codes that most financial institutions use to deliver current and prior day reporting.
BANSTA	Bank Status report sent by the bank to clients via H2H Channel
FINSTA	Various Financial Statements provided by the bank to clients
Web Reports	Reports on Straight2Bank Web
Outwards	Payments initiated by you