



**Interface Test for ISO 20022 Upgrade of SWIFT  
Messages for Money Settlement in HKCC &  
SEOCH (Operations)**

**Information Package**

**for**

**Settlement Banks**

Issue Date: 29 Sep 2023

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## **1. Introduction**

Following the start of SWIFT's MT-MX coexistence period for cross-border payments and reporting (CBPR+) in March this year, the MT messages in category 1, 2 and 9 will be decommissioned and be replaced by ISO 2022 XML based messages (MX messages) in November 2025. HKEX has scheduled the ISO 2022 upgrade for money settlement in HKCC & SEOCH (Operations) on 22 Apr 2024, same as HKICL's migration timeline of adoption of ISO 2022 for RTGS in Hong Kong. After the migration, HKCC & SEOCH (Operations) will use MX messages in money settlement with settlement banks.

To prepare for this migration, HKCC & SEOCH (Operations) would like to invite all settlement banks to complete the Interface Test between 20 Nov 2023 and 02 Feb 2024 to ensure readiness for participating the Practice Session that tentatively scheduled in March 2024. This Information Package will provide settlement banks with the required information for preparing the Interface Test.

## **2. Objective**

The objective of the Interface Test is to verify the readiness of settlement banks in adopting MX payment and cash reporting SWIFT messages in business flow with HKCC & SEOCH (Operations).

## **3. Schedule**

Knowing that settlement banks may have different schedules in MX development and resources planning, HKCC & SEOCH (Operations) provides a flexible open window from 20 Nov 2023 to 02 Feb 2024 for settlement banks to complete the interface test. Settlement banks may select a preferred period from the following options. During the Interface Test, HKCC & SEOCH (Operations) will support testing from 9:00 a.m. until 6:00 p.m.

- 1) 20 Nov 2023 – 24 Nov 2023
- 2) 27 Nov 2023 – 01 Dec 2023
- 3) 04 Dec 2023 – 08 Dec 2024
- 4) 11 Dec 2023 – 15 Dec 2023
- 5) 18 Dec 2023 – 22 Dec 2023
- 6) 08 Jan 2024 – 12 Jan 2024
- 7) 15 Jan 2024 – 19 Jan 2024
- 8) 22 Jan 2024 – 26 Jan 2024
- 9) 29 Jan 2024 – 02 Feb 2024

HKCC & SEOCH (Operations) will base on settlement banks' preferred period to arrange for an Interface Test. If the selected period is fully occupied, HKCC & SEOCH (Operations) will suggest and discuss with settlement banks for alternative testing period.

## **4. Preparation Tasks**

To prepare for the Interface Test, settlement banks should ensure the tasks in below Checklist have been completed:

Items to be Checked	✓
1. Read and understand this information package for Interface Test thoroughly.	
2. Reply HKCC & SEOCH (Operations) with the <b>preferred testing period</b> and <b>provide 2 contact persons (with emails and phone numbers)</b> via email at <a href="mailto:gcd_dco_set@hkex.com.hk">gcd_dco_set@hkex.com.hk</a> by 31 Oct 2023.	
3. Migrate and configure MX format SWIFT messages in settlement banks' own testing environment.	
4. Fulfil technical setup requirement as set out in Section 5 for exchanging test messages with HKEX system(s).	

## 5. Technical Setup Requirements

### 5.1. SWIFTNet Address used by HKCC & SEOCH (Operations)

Entity full name	BIC8	SWIFTNet Address
HKFE CLEARING CORPORATION LIMITED	XHKFHKHH	*,o=xhkfkhkh,o=swift
SEHK OPTIONS CLEARING HOUSE LIMITED	SEOCHKHH	*,o=seochkhh,o=swift

### 5.2. FINplus Service and Deployment Packages

Per SWIFT's requirement, HKEX SWIFT Infrastructures will upgrade to SWIFT Standard Release 2023 in November. Therefore, HKCC & SEOCH (Operations) will use SWIFT Standard Release (SR2023) in the test, below standard package and Universal Standards Archive (USA) are used to support SR2023 for Alliance Access. For other Alliance applications, pls check the requirement in SWIFT.COM.

<b>FINplus Service</b>	swift.finplus!pc (FINplus pilot current)
<b>Standard Package</b>	FINplus 2.1.2
<b>USA</b>	USA – SWIFT FINplus SR2023 Validation
	USA – SWIFT FINplus SR2023 Activator

## 6. Testing Cycles and Business Scenarios

Case 1: HKCC / SEOCH (Operations) send SWIFT messages to banks

Direction			
From	To	SWIFT Message	Remarks
XHKFHKHH	Banks	pacs.009.001.08	
XHKFHKHH	Banks	pacs.010.001.03	
XHKFHKHH	Banks	camt.056.001.08	
SEOCHKHH	Banks	pacs.009.001.08	
SEOCHKHH	Banks	pacs.010.001.03	

SEOCHKHH	Banks	camt.056.001.08	
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Case 2: Banks send SWIFT messages to HKCC/SEOCH (Operations) in accordance with Case 1

Direction			
From	To	SWIFT Message	Remarks
Banks	XHKFHKHH	camt.054.001.08	Base on pacs.009.001.08
Banks	XHKFHKHH	camt.054.001.08	Base on pacs.010.001.03
Banks	SEOCHKHH	camt.054.001.08	Base on pacs.009.001.08
Banks	SEOCHKHH	camt.054.001.08	Base on pacs.010.001.03

## 7. Completion of Interface Test

Upon completion of Interface Test, settlement banks are required to provide confirmation of completion of Interface Test to HKCC & SEOCH (Operations) via email at [gcd\\_dco\\_set@hkex.com.hk](mailto:gcd_dco_set@hkex.com.hk) with below email subject and content within one week.

*Subject:*

*Confirmation - Interface Test for ISO 2022 Upgrade of SWIFT Messages for Money Settlement in HKCC & SEOCH (Operations)*

*Content (either one):*

*We have participated in and successfully completed the Interface Test for ISO 2022 Upgrade of SWIFT Messages for Money Settlement.*

**OR**

*We did NOT complete the Interface Test for ISO 2022 Upgrade of SWIFT Messages for Money Settlement due to the following reason(s):*

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## 8. Severe Weather Arrangement

In case Typhoon Signal No. 8 (or above) / Extreme Conditions is remained at 07:00 or the HK Observatory pre-announced at or before 07:00 that Typhoon Signal No. 8 (or above) will be hoisted at or before 09:00 on the day of Interface Test, the Interface Test will be cancelled and will not be resumed for the rest of that particular day but resume on the immediately following business day accordingly.

In case Typhoon Signal No. 8 (or above) or Extreme Conditions is issued during the Interface Test after 09:00 on the testing day, the testing will be terminated 15 minutes thereafter but resume on the immediately following business day accordingly.

In case Black Rainstorm Warning is remained in effect at 07:00 on the day of Interface Test, the testing will be cancelled and will not be resumed for the rest of the day but resume on the immediately following business day accordingly.

In case Black Rainstorm Warning is issued during the testing, all scheduled activities will continue as normal until completion.

## **9. Communication Channel**

HKCC & SEOCH (Operations) will communicate with the project related contact personnel of each settlement banks via emails during the Interface Test.

## **10. Testing Contact & Issue Support**

During the Interface Test, if settlement banks have any queries or encounter any issue, please reach out to HKCC & SEOCH (Operations) via email at [gcd\\_dco\\_set@hkex.com.hk](mailto:gcd_dco_set@hkex.com.hk) with subject "Interface Test for ISO 20022 Upgrade\_(name of settlement bank).