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Your ref:

Our ref: **Circular No. 2019/219B**

TR Participants

Dear Sirs,

Trade Repository Enhancement for SWIFT WebAccess

Overview

At present, Participants could access browser-based User Interface (UI) functions of Hong Kong Trade Repository Reporting (TR) system through secured SWIFTNet InterAct messaging service. The current SWIFTNet InterAct solution adopts conventional Java applet technology i.e. thin program module embedded in the user's web browser to handle user login between the web browser of users and TR system. As technology advances, mainstream web browsers, including Microsoft Internet Explorer, are no longer supporting Java applet technology. As a result, SWIFT will introduce a new SWIFT WebAccess solution to replace the SWIFTNet InterAct messaging service by year 2020.

To strengthen the authentication process, this new SWIFT WebAccess solution will adopt Security Assertion Markup Language (SAML), which is an open industrial standard for user authentication, and ride on a new SWIFT Identity Provider (IdP) platform under the central SWIFT infrastructure. As a result, user authentication will be delegated to SWIFT.

To accommodate the new SWIFT WebAccess solution and its authentication process, TR system will have to be enhanced accordingly. This enhancement will be launched on **17 February 2020** to tie in with the introduction of the new SWIFT WebAccess solution by SWIFT.

Participant Preparation

To facilitate preparatory work by Participants, SWIFT organised a User Group Meeting on 14 May 2019 to announce the relevant information and requirements of this new SWIFT WebAccess solution. After the meeting, SWIFT has also distributed the relevant documentations to Participants for further reference. Participants are recommended to refer to these SWIFT documentations to prepare the necessary tasks in their own SWIFT environment for integration with the new SWIFT WebAccess infrastructure. Participants could contact their respective SWIFT relationship managers for further enquiry and technical assistance if required.

Participants are also advised to refer to the attached Technical Note – Trade Repository Enhancement for SWIFT WebAccess for details on preparation for TR system.

The HKMA will also distribute the revised Administration and Interface Development Guide (AIDG) to Participants in August 2019 tentatively.

Testing Arrangement

An industry-wide simulation test and a connectivity test will be arranged for Participants in HKICL's testing and production environment respectively.

The industry-wide simulation test will be held between November 2019 and January 2020, during which Participants will verify their setups via TR testing environment. In this connection, Participants are expected to complete their respective setups for testing by November 2019. The HKMA will distribute the corresponding information package for this simulation test to Participants in November 2019.

The connectivity test will be arranged between December 2019 and January 2020 to provide an opportunity for Participants to perform simple connectivity test via TR production environment prior to the official launch of the SWIFT WebAccess service. HKICL will provide a simple web page in its TR production environment for end-to-end connectivity and setup verification by Participants via SWIFT WebAccess service. **End users will NOT be able to login to the TR system at this stage via new SWIFT WebAccess service.** Participants are expected to complete the respective setups in their production environments by December 2019.

Migration Arrangement

A big-bang approach will be adopted for the migration of the TR application to the new SWIFT WebAccess workflow and interface between 15 and 16 February 2020 (i.e. the weekend prior to the launch day on 17 February 2020). After this migration, all end users will be authenticated by the new SWIFT WebAccess solution.

A post-implementation verification step will be arranged in the abovementioned weekend, during which Participants shall attempt to login to the TR application and complete the SWIFT user account association for the first time after migration.

Schedule of Major Activities

To facilitate a better understanding of the details of the enhancement, a summary of the key dates for major activities which required Participants' attention is set out as follows.

<u>Activities</u>	<u>Tentative Schedule</u>
The HKMA to distribute Administration and Interface Development Guide (AIDG)	August 2019
Simulation Test	
Participants' setup for Simulation Test	September – November 2019

<i>Remark:</i> Please refer to "Section 4.2 - Participants Setup" of the Technical Note for details.	
The HKMA to distribute information package for Simulation Test	November 2019
Participants to conduct Simulation Test	November 2019 – January 2020
Production Implementation	
Participant setup for Production <i>Remark:</i> Please refer to "Section 4.2 - Participants Setup" of the Technical Note for details.	October – December 2019
Connectivity Test <i>Remark:</i> Please refer to "Section 4.3 - Connectivity Test by Participants" of the Technical Note for details.	December 2019 – January 2020
Post-implementation Verification for Production <i>Remark:</i> Please refer to "Section 4.5 - Post-implementation Verification" of the Technical Note for details.	15 – 16 February 2020
Production Launch	17 February 2020

For enquiry, please contact our HKMA TR at (852) 8100 3115 or hktr@hkma.gov.hk.

Yours faithfully,


Haster Tang
Chief Executive Officer