Release Notes

CHESS Release 1

28 February 2025

Version	1.0
Release Date	28 February 2025
Summary	Release Notes

As part of ITE open for Release 1, the Trading and Clearing functions within CHESS have been replaced by new Clearing services functionality.

The Release 1 ITE provides AMOs or their Software Providers a secure, standardised channel to report trades and prices for Clearing and Settlement.

1. Available functionality

Function	Description	Release notes
FIX Channel	A new industry standard FIX channel has been implemented allowing a standardised interface for all AMOs to report trades and market data to CHESS ('BaNCs'). AMOs will have the option to establish multiple FIX sessions (via CompID).	AMOs can manage their FIX session with the following supported session layer messages, including: • **Logon** (A) • **Logout** (5) • **Heartbeat** (0) • **TestRequest** (1) • **ResendRequest** (2) • **SequenceReset** (4) See the **AMO User Technical Documentation** (from Stakeholder Engagement) for more details on these messages and their usage. ASX request AMOs or their Software Providers limit transmission of messages to 5000 per business day at a maximum of 50 trades per second throughput, while the channel is being productionised, and is undergoing further performance and resiliency testing.

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2. Documentation

The following published documents are available from Stakeholder Engagement on asx.com.

Document title	Description	Version of document as at publication of these release notes
Release 1 Industry Test Approach	Outlines the different industry test phases for Release 1 of the CHESS project.	Published in September 2024
AMO User Technical Documentation	Outlines detailed specifications of all FIX messages, including message structures, rules, and message flow diagrams, utilised by the CHESS replacement system's Trade Acceptance Service.	V1.2 published in February 2025
Connectivity Guide	Outlines the instructions and details for AMOs or their Software Providers to obtain access and connect to Release 1 ITE.	V1.1 published in February 2025

3. Environments

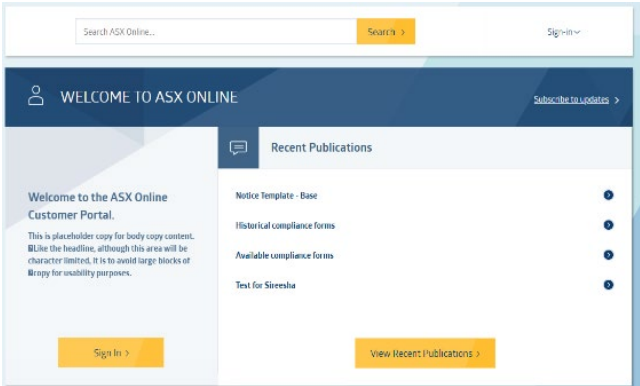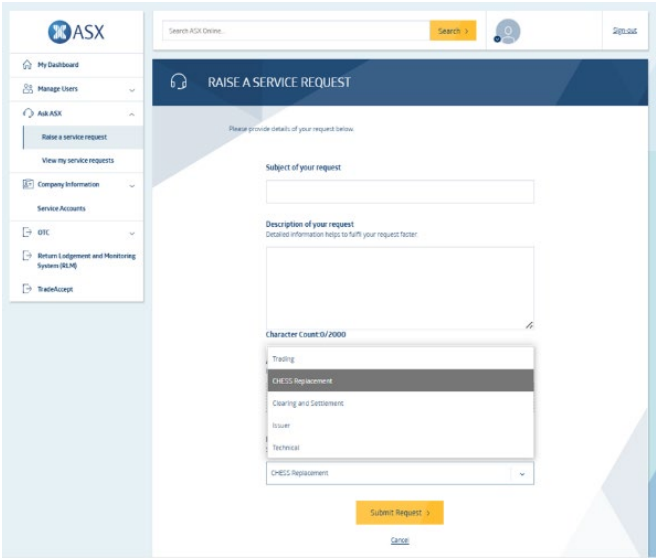| Environment	Description	Other relevant information
Release 1 ITE	ITE stands for Industry Test Environment and is a CHESS project test environment that will be iteratively developed to production-grade standards. Release 1 ITE supports AMOs and their Software Providers performing industry testing in the following Industry Test phases: • AMO build and test • AMO readiness • AMO accreditation • AMO operational readiness, and • Clearing regression testing.	Available to AMOs or their Software Providers from 28 February 2025.

4. Environment setup

Data object	Description	Release notes
System Actors (Entities, Actors and Roles)	Creation and management of entities, actors and roles in the system to define how a Participant can transact in the system.	These functions are managed by ASX Operational Staff and therefore there are no external facing functional specifications.
Issuers and Securities	Creation and management of Issuers and Securities.	These functions are managed by ASX Operational Staff and therefore there are no external facing functional specifications.
Reference data	Definition of core reference data including eligible currencies and calendars.	These functions are managed by ASX Operational Staff and therefore there are no external facing functional specifications.

5. Errors

The following documents are available from Stakeholder Engagement on asx.com.

Document	Description	Version of document as at publication of these release notes
AMO User Technical Documentation	Includes error codes relating to FIX message protocols.	V1.2
Connectivity Guide	Includes error codes relating to connectivity.	V1.1

6. Technical support

Channel	Can be used for	Additional details

Online request form	Raising technical issues and queries	Instructions to submit online request form
		
		Sign into https://www.asxonline.com/
		
		Navigate to:
		    Ask ASX > Raise a service request > Select 'CHESS Replacement' for the Service >
		    Complete and 'Submit Request'

Email CHESSreplacement@asx.com.au	• Scheduling assisted testing activities • Raising technical issues and queries	