CHESS Replacement Technical Committee Minutes

21 August 2023

At its August meeting, the CHESS Replacement Technical Committee was updated on:

AGENDA

- Open actions;

- Member feedback from last meeting – including latest pulse survey results;

- Project status and governance;

- Steps to finalise scope recommendations to Business Committee;

- Project scope – playback and discussion of scope recommendation survey results;

- Approach to interface options;

- Other matters, including:

  - Forward work plan; and

  - Observer feedback.

KEY ISSUES DISCUSSED

Key points from the discussion about the CHESS Replacement project included:

  i.   An update on project progress including key workstream activities;

  ii.   A playback and discussion of scope recommendation survey results;

  iii. Steps to finalise scope recommendations to Business Committee; and

  iv.   Approach to industry engagement on interface options.

AGREED ACTIONS

One new action was raised at the meeting.

  1. ASX to provide clarity on the level of customisation of the ISO 20022 base messages leveraged by CHESS Replacement (as at pause).

Minutes from the meeting are attached.

Agenda

CHESS Replacement Technical Committee

Date	21 August 2023	**Time**	2:00pm-4:00pm
Location	ASX offices – Level 1, 20 Bridge Street, Sydney/MS Teams		

1. **Welcome and open actions**

2. **Member feedback from last meeting** – including latest pulse survey results

3. **Project status & governance**

4. **Steps to finalise scope recommendations to Business Committee**

5. **Project scope** – playback and discussion of scope recommendation survey results

6. **Approach to interface options**

7. **Other matters**

   a) Forward work plan

   b) Observer playback

Action Items

Item number#	Action	Due date	Status	Owner
2023 June (1)	ASX to include the solution's messaging protocol (e.g. EIS versus ISO messaging) as a TC topic.	4 October 2023	Open	ASX
2023 August (1)	ASX to provide clarity on the level of customisation of the ISO 20022 base messages leveraged by CHESS Replacement (as at pause).	13 September 2023	Open	ASX

CHESS Replacement Technical Committee Members

Company	Name	Job Title	Apologies
ASX	Tim Whiteley	Technical Committee Chair and Project Director, CHESS Replacement Project	
Clearing and Settlement participants			
ABN AMRO CLEARING	Matthew McMahon	Head of Operations	
AUSIEX	Mark Pace	Head of Solution Design	
Merrill Lynch Equities (Australia)	Monika Ahrns	Project Manager	
BELL POTTER SECURITIES	Lee Muco	Chief Operating Officer	
BNP PARIBAS	Wayne Murphy	Project Manager	
CITI	Lyall Herron	Program Manager	
CMC	Michael Connaghan	Head of Engineering & Project Delivery, Stockbroking	
COMMSEC	Ryan Jones	Crew Technical Lead	
FINCLEAR SERVICES	Nikki Gleisner	Senior Business Analyst/Client Relationship Manager	
GOLDMAN SACHS	Simon Wyss	COO, Australia/ New Zealand Engineering	
HSBC	Simon Siluk	Senior Product Manager	
J.P. MORGAN	Scott Oakland	Executive Director Product Management	
MACQUARIE GROUP	Paul Bragg	Operations Analyst	Apology
MORGAN STANLEY WEALTH	Andrew Sime	Executive Director	
MORGAN STANLEY SECURITIES	Rebecca Collins	Executive Director	
MORGANS	Daniel Spokes	Director, Client Support Services	
NAB	Rodd Kingham	Head of Investment Service (WealthHub Securities)	
UBS	*Andrew Lockhart	Executive Director, Investment Bank Operations	Scott Hanlon, Head of Operations, Executive Director
Third party software vendors			
BROADRIDGE	*Danielle Gerace	Head of Client Service Australia	Mabel Chow, Product Manager
COMPUTERSHARE	Leanne Bailey	Senior Business Analyst	
FINCLEAR	Craig Gray	Head of Product for Settlement & Clearing systems	
FNZ	Nick Clarke	Head of Product Management – Capital Markets	
SECURITEASE	David Hinkley	General Manager	
AMOs			
ASX	Jimmy Halstead	Head of Trading Technology Markets, Technology	

CBOE	Mike Aikins	Vice President APAC – Operations and Technology	
NSX	Yemi Oluwi	Head of Market Operations and Technology	
SYDNEY STOCK EXCHANGE	Rajnish Tiwari	IT & Operations Manager	
Share registries			
ADVANCED SHARE REGISTRY	Patrick Gan	IT Manager	
AUTOMIC GROUP	Sue Julian	Head of Business Operations	
BOARDROOM	Michael Mullins	Chief Information Officer	
COMPUTERSHARE	Scott Hudson	General Manager – Market Liaison	Apology
LINK MARKET SERVICES	Kelvin Chee	Senior Project Manager – CHESS Replacement	

* Delegate

Observers

Company	Name	Job Title	Apologies
AusPayNet	Luke Wilson	Chief Operating Officer	
AFMA	Brett Harper	Chief Executive Officer	Apology
	Damian Jeffree	Senior Director of Policy	
ACSA	David Travers	Chief Executive Officer	
AIRA	Ian Matheson	Chief Executive Officer	Apology
GIA	*Catherine Maxwell	General Manager, Policy & Advocacy	Simon Pordage, Brand Ambassador for GIA and Company Secretary for ANZ
SIAA	Judith Fox	CEO	
ASIC	Nathan Bourne	Senior Executive Leader, Market Infrastructure	Apology
	Dodie Green	Senior Manager, Market Infrastructure	Apology
	Andia Petropoulos	Senior Analyst, Market Infrastructure	Apology
	Bharat Patel	Senior Specialist, Financial Markets Infrastructure	Apology
	Shingi Muvenge	Financial Risk Manager	
RBA	Kylie Stewart	Senior Manager, Domestic and Payments, Financial Market Infrastructure	Apology
	Tatiana Moiseeva	Lead Analyst, Financial Market Infrastructure, Domestic and Payments	
	Elizabeth Kandelas	Manager	Apology
	Rhea Choudhary	Graduate	

Name	Job Title	Apologies
Corinne De Rosa	Director, Financial Services	
Felicity Potter	Partner	
Monica Du	Manager	

ASX Management

Name	Job Title	Apologies
Katie McDermott	General Manager, Business Design, CHESS Replacement Project	
Steven Hannan	Stakeholder Engagement Senior Manager, Equity Post Trade	
Keith Howie	Software Provider Relationships Manager, Equity Post Trade	
Triona Quinlan	Delivery Lead, CHESS Replacement Project	
Chris Boyes	Senior Product Manager, Securities and Payments	
Russell Eyre	Enterprise Architect, CHESS Replacement Project	
Steve Quee	CHESS User Relationship Manager, Securities and Payments	
Lisa Briggs	Senior Manager, Equity Post Trade	

AGENDA ITEM 1: Welcome and open actions

The Chair welcomed members and delegates to the seventh CHESS Replacement Technical Committee (Committee) meeting.

Paul Bragg (Macquarie), Scott Hudson (Computershare) and Ian Matheson (AIRA) were apologies. Scott Hanlon (UBS) was represented by a delegate, Andrew Lockhart. Mabel Chow (Broadridge) was represented by a delegate, Danielle Gerace. Simon Pordage (GIA) was represented by a delegate, Catherine Maxwell. The Chair noted a change in Committee membership with AUSIEX also representing NRI.

The Chair recorded the absence of the Business Committee chair, noting the role is currently vacant. The Chair continued by providing an update on the new Group Executive for Securities and Payments, Clive Triance, who has been successfully onboarded and will be introduced at a future Committee.

The Chair introduced and thanked the nominated meeting observer for the 21 August 2023 Committee before introducing and handing over to the member from AFMA to provide a summary of the AFMA Registries Forum.

The member from AFMA summarised proceedings from the first AFMA Registries Forum, noting it was well attended. The first forum introduced proceedings including an overview of the forum's formalities and operating procedures as well as an open invitation for members to nominate items for the forum to work on. Notably, these included items captured previously raised in the scope refinement workshops. Next steps were suggested to enable a means of capturing contributions on these topics ahead of the next forum. The next AFMA Registries Forum is scheduled for 1 November.

The Chair reminded members of their obligations under competition law and provided an overview of the agenda. The Chair continued by reminding members that the purpose of this Committee is for stakeholders to provide input and feedback and encouraged participation and engagement in the session. The Chair continued by introducing the one open action from June 2023:

Item Number	Action	Discussion
2023 June (1)	ASX to include the solution's messaging protocol (e.g. EIS versus ISO messaging) as a TC topic.	Action to be addressed as part of the connectivity options agenda item in the 4 October Technical Committee.

The minutes of the previous 26 July Committee were approved and published with supporting materials on the CHESS Replacement website.

Member discussion:

Members raised no questions in respect of the update.

AGENDA ITEM 2: Member feedback from last meeting

The Senior Manager, Stakeholder Engagement opened by thanking Committee members for responding to the pulse survey at end calendar-year Q2. The Senior Manager, Stakeholder Engagement continued by providing a summary of the survey results. The pulse survey was split up into three areas, including:

- Meeting effectiveness;
- Technical Committee topics discussed; and
- Scope refinement workshop engagement.

To provide a point of reference, results were presented alongside responses from the Q1 pulse survey. Since the March pulse survey, meeting effectiveness has been positive trending and areas the industry would like to revisit have been

identified. The Senior Manager, Stakeholder Engagement continued, noting that these areas would be captured as part of Committee forward planning, noting ASX's continuous disclosure obligations and acknowledging some of these topics may be heavily influenced by the solution option announcement in calendar-year Q4.

Regarding scope refinement workshop engagement, noting industry engagement on scope is ongoing and will be discussed at the August and September Committees and as part of formal market consultation, feedback indicated Committee members were satisfied with the opportunities to provide new scope topics. General sentiment was positive and feedback on the workshops will be considered when facilitating future focus / working groups that are required to support the Committee.

The Senior Manager, Stakeholder Engagement summarised the written feedback and key takeaways received as part of the pulse survey. This included:

- Scope Refinement – feedback suggested expanding problem statements and subsequently scope objectives. ASX acknowledged scale and provenance of a scope objective can differ from organisation to organisation. As a result, the scope recommendation survey was expanded to incorporate organisation impact, priority and any additional commentary.
- Meeting Administration – feedback requested additional time for pre-reading for future workshops. This feedback will be taken into account when planning future focus / working groups.
- Solution Selection – feedback requested further information regarding solution option analysis. In the February Technical Committee, ASX summarised the market scan activity completed earlier in the year. As part of this activity ASX reviewed the top 20 global exchanges, assessing the technology used and subsequently validated this analysis with ASX's consulting partners.
- Progress Status – feedback requested further clarity regarding resourcing. ASX does not anticipate Committee members require a significant resourcing uplift to support the project until the completion of planned market consultation. To support the market consultation activity, ASX suggests Committee members allocate appropriate resourcing for at least 6 months following the anticipated calendar-year Q4 2023 solution decision announcement.

AGENDA ITEM 3: Project status & governance

The Chair provided an update on the forming of the Cash Equities Clearing and Settlement Advisory Group ("Advisory Group") noting the ASX Media Release announcing Alan Cameron as Independent Chair. The Advisory Group will have a charter, similar to that of the Technical Committee, focusing more specifically on strategic matters. In parallel, ASX will be working with Advisory Group members to ensure the audience is well informed on activities completed to date and subsequently is able to provide input and recommendations to the ASX Clear and ASX Settlement Boards as part of the solution decision process. The Chair stated that the high-level outcomes from the Advisory Group would be shared with the Committee, where appropriate. Additionally, there may be avenues for concensus or recommendation issues to be escalated to the Advisory Group for input. The Chair reiterated the Technical Committee has the ability to provide recommendations to the Business Committee, whose Chair reports to the C&S Boards, separate to the Advisory Group on CHESS Replacement matters, such as scope recommendation.

Project status & governance update

The Delivery Lead, CHESS Replacement Project provided the project update noting the four workstreams addressing the product definition and business case, the solution assessment, sourcing and commercial and testing and implementation are tracking to plan.

Key updates included:

- Calendar-year Q3 workstream deliverables are being prepared for the CHESS Replacement Strategic Guidance Group (SGG), Advisory Group and C&S Boards.
- In early 2024, following the Q4 solution decision announcement, there will be further consultation with the market on the solution design. This includes the detailed solution design and the implementation plan.
- Business requirements are being baselined, the estimation process has commenced and work is continuing the implementation and test strategies. These deliverables will feed into the business case.
- The Solution Integrator (SI) assessment is in progress and the next step is to down select an SI to partner with ASX through the delivery of the project.
- The project team continues to monitor the risk regarding the potential impact to timeframes due to commercial vendors' processes, noting risk likelihood has decreased since it was originally identified. This can be attributed to the project milestones met which have reduced the number of unknowns for vendors.

Member discussion:

A member representing a registry questioned whether the solution decision announcement was expected to be made at the beginning or end of the fourth quarter of 2023. ASX continues to work towards announcing the new solution design in the final quarter of 2023, subject to a number of dependencies. The Delivery Lead, CHESS Replacement Project clarified the target is in the middle of the quarter. The Chair added this target timeframe, may be impacted by factors including the proceedings of the new Advisory Group.

A member representing a participant requested clarification on the completion of the test strategy and approach and how information from this deliverable will be shared with the Committee. The Chair noted details regarding the test strategy and approach aligned to the solution decision and was primarily focused on internal testing. The Chair confirmed that, post the solution decision announcement, ASX would consult with the market on industry testing and the implementation strategy.

A member representing a registry requested clarification on whether Committee members should address resourcing requirements from their respective organisations to support ASX's consultation process in the first six months after the solution decision announcement. The Chair agreed with this timeframe. The Chair suggested, to support the market consultation activity, Committee members allocate appropriate resourcing for the 6 months following the calendar-year Q4 2023 solution decision announcement.

AGENDA ITEM 4: Steps to finalise scope recommendations to Business Committee

The ASX General Manager, Business Design opened by providing a summary of the scope recommendation process to-date. This involved gathering feedback post the March Committee, the formation of three four-hour scope refinement workshops and the creation of a number of business canvases. The business canvases were subsequently refined into scope objectives which were subject to the scope recommendation survey sent on 3 August 2023.

Based on the results received, ASX is extending the survey window to ensure Committee members have the appropriate amount of time to respond and provide input on scope recommendations.

The ASX General Manager, Business Design reiterated the importance of the survey as a means of facilitating further discussion before the finalisation of recommendations on scope to the Business Committee. As such, Committee members who had not yet responded were strongly encouraged to complete and submit the survey by 25 August 2023 as the results are planned to be shared with Committee members prior to the 13 September Technical Committee. The ASX General Manager, Business Design continued noting that where the Committee is not comfortable moving forward with a recommendation, and more analysis is required, besides further discussions within the Committee, there are further avenues that the Committee can leverage, such as the AFMA Registries Forum or the Advisory Group.

The ASX General Manager, Business Design presented the timeline for scope recommendation next steps. Prior to the 11 October Business Committee, this involved:

- The extension of the survey window until 25 August 2023.
- The sharing of anonymised survey results and key feedback on scope objectives as pre-reading on 30 August 2023 prior to the 13 September Technical Committee.
- Finalising the scope recommendation to Business Committee at the 13 September Technical Committee.
- The scope recommendation to Business Committee (BC paper) will be played back at the 4 October Technical Committee.

With the Business Committee expected to make a decision on recommendations on scope in October, the ASX General Manager, Business Design highlighted the importance of creating awareness of the recommendations put forward by each Committee member within their organisation with their respective Business Committee representative.

The ASX General Manager, Business Design closed by reminding Committee members that discussions on scope have not concluded, noting future consultation on design and detailed discussions are planned post the Q4 solution decision announcement.

Member discussion:

A member representing a registry requested clarity on the handling of scope objectives surveyed provided their high-level nature. The Chair responded where strong support exists and further analysis is required, the scope objective will proceed to the next stage of analysis, acknowledging 'highly supported' indicates the Committee's desire to move forward with the scope objective. The Chair added, to ensure survey results are appropriately interpreted, the Senior Product Manager, Securities and Payments may also reach out to Committee members.

The Senior Product Manager, Securities and Payments noted the high-level nature of the scope objectives enabled ASX to identify areas of focus and avoid overcommitting time on solutioning before such an agreement as there are often several options regarding how a problem may be solved. The Senior Product Manager, Securities and Payments continued noting that the aim of the scope recommendation process is to understand the priorities the industry would like ASX to focus on. As analysis proceeds scope objectives may eventuate to be simple and quick fixes whereas some may be complicated and large that may need to be addressed over multiple releases.

A member representing a third party software vendor shared a similar view to the member representing a registry, noting further investigation and analysis is required by vendors and system developers to explore the impact of each scope objective on vendor development and cost. The member continued noting the additional challenge of completing this analysis before the October Business Committee without details on the solution design. The Chair acknowledged these challenges, noting also the formal consultation process that will follow the solution decision announcement. The Chair continued noting this topic was also raised at the AFMA Registries Forum and the importance of the balance between benefits and cost and with such investment.

A member representing a third party software vendor questioned whether the timing of October Committee conflicted with the next AFMA Registries Forum in November. The Chair suggested the timing wasn't problematic as both the Committee and AFMA Registries Forum would pass items between themselves.

AGENDA ITEM 5: Project scope - playback and discussion of scope recommendation survey results

The ASX Senior Product Manager, Securities and Payments provided an overview on the project scope engagement timeline and highlighted the importance of ongoing industry engagement on design and the need to validate whether scope items are realising their outcome and cost benefit.

The response rate of the scope recommendation was 56%, which limited the number of insights that could be derived from the survey results. The survey deadline has been extended to 25 August 2023 to ensure an appropriate coverage of responses from Committee members.

The ASX Senior Product Manager, Securities and Payments reiterated the importance of the survey as a means of facilitating further discussion before the finalisation of recommendations on scope to the Business Committee. To ensure responses are captured appropriately, ASX will follow-up with organisations that haven't responded to confirm whether additional time was required or whether an organisation is opting not to reply. ASX will also follow-up with respondents where additional commentary or clarification is required.

Prior to the 13 September Committee, as part of the pre-reading, ASX will share anonymised survey responses and insights.

Member discussion:

A member representing a participant requested clarification on the breakdown of survey responses and whether the responses would be broken down by cohort. The ASX Senior Product Manager, Securities and Payments confirmed responses would be presented by cohort.

AGENDA ITEM 6: Approach to interface options

The Enterprise Architect, CHESS Replacement Project provided an overview of the approach to interface options. This included ASX's proposed approach to industry engagement, a walkthrough of the transaction and data interfaces into current CHESS and what was done previously as part of the CHESS Replacement project, the rationale for adopting ISO 20022 as well as ASX's ongoing engagement on business and technical design.

Industry Engagement on Interface Options

ASX is seeking feedback on preferred interface options and is proposing to survey Committee members. The results of this survey will be collated, played back and discussed at the 13 September Technical Committee. Additionally, the Enterprise Architect, CHESS Replacement Project noted FIX 5.0 was introduced as the target transaction processing interface for Approved Market Operators and is not expected to change.

The survey will allow Committee members to select preferences from existing interface options or to provide alternate suggestions along with a rationale. Members will be questioned whether their organisations have a preference and, where this is not applicable, have the ability to select 'no' to skip nominating a preference. Message transports will be selected based on a range of factors, including:

- Participant preferences;
- Ability to rationalise/simplify options; and
- Alignment to standards.

Transaction Interfaces

The Enterprise Architect, CHESS Replacement Project continued by providing both a technical and a business perspective to interface options. The business perspective consists of the business process model and the associated data flows that must occur to support the business process. Those data flows are made of up individual data elements which can be described in a data dictionary. The technical perspective consists of how these data flows are formatted and how the formatted message is transported over a network.

Applying this model to current CHESS:

- The business processes, information flows, and data dictionary are defined by the CHESS Operating Procedures and the CHESS External Interface Specification.

Applying this model to CHESS Replacement (as at pause):

- ISO 20022 provides a standards framework for business process modelling and information flows, as well as a data dictionary and an XML message format.

- The message format and message transport are defined by the CHESS Protocol, which is described in Section 10 and 11 of the CHESS Interface Specification.
- When CHESS was built, there were no mature standards for business processes, message formats and message transports, so these were all invented to meet the needs of the Australian market at the time.
- Since then, there has been progress globally on creating standards for business processes, message formats and message transports.

- Whilst providing an overall standards framework for business process modelling and information flows, ISO 20022 also provides a mechanism to support local market practices.
- ISO 20022 uses an XML format. It is agnostic to the message transport and network. It is supported by SWIFT and can be supported by any other message transport and network that can handle text-based data.
- CHESS Replacement (as at pause) supported a number of transaction interfaces including:
  - ISO 20022 XML over SWIFT InterAct
  - ISO 20022 XML over AMQP 1.0
  - DAML derived from ISO 20022 over the Ledger API
  - There was also a non-messaging interface with the CHESS UI.
- Other than SWIFT, all interfaces were using the ASX Net network.

Data Interfaces

The Enterprise Architect, CHESS Replacement Project presented a breakdown of data interfaces. Data interfaces allow data to be accessed on a read only basis.

In current CHESS, message-based reporting available over CHESS protocol is the only method of accessing data.

In CHESS Replacement (as at pause), message-based reporting was carried over in a rationalised form and was available via all the interface methods. Message based reporting was supplemented by two new mechanisms:

- The ledger API which supported real-time data streaming; and
- The CHESS UI which supported queries on messages and data.

Rationale for ISO 20022

The Enterprise Architect, CHESS Replacement Project provided an overview of ASX's ISO 20022 journey. This included:

- In 2014, ASX implemented ISO 20022 format messages for STP corporate actions;
- ASX engaged SWIFT in 2016 to map all existing EIS messages to ISO 20022 to ensure the standard was fit for purpose;
- ASX announced its intention to adopt ISO 20022 messaging in its September 2016 consultation paper and, with the support of the market, confirmed its adoption in March 2017.
  (ISO 20022 Technical Committee, 13 December 2016);
- ASX analysed 496 proprietary CHESS EIS messages and, in consultation with the market from 2018 to 2021, mapped 275 EIS messages to 106 ISO 20022 base messages; and
- ASX is looking at moving away from proprietary messaging to improve access.

The Enterprise Architect, CHESS Replacement Project noted a number of benefits that ISO 20022 offered, including:

1. a long-term benefit of being able to leverage globally adopted technology and business processes. ISO 20022 helps with compatibility and interoperability with various systems and institutions across the globe.
2. lowering barriers to access as adoption removes proprietary messaging requirements, making it easier for new entrants to the market.
3. designed to be extensible and adaptable to evolving business needs and technological advancements, providing a degree of future proofing.
4. facilitating automation by offering a comprehensive set of message types and predefined business processes, including processes that may not be used today but may see use in the future.
5. providing a rich set of data elements, allowing for comprehensive and structured information exchange, which can enable better data quality, accuracy, and consistency.
6. ISO 20022 is increasingly being adopted. Regulators are keen for ASX to move away from proprietary messaging.

Engagement of Industry on Business and Technical Design

The Senior Product Manager, Securities and Payments detailed the approach to ongoing industry engagement on business and technical design. Business design involves any area that requires further industry input post solution decision announcement. For example, netting and settlement, account model (registration details), cum entitlement balance and all new scope areas.

Technical design involves ISO 20022 messaging. As a starting point, ASX will leverage existing messages from CHESS Replacement (as at pause) as a baseline for the project. ASX will consult in a similar format around any potential changes needed due to the selected solution, upgrades to more recent standards or the outputs of the business design workshops. This will enable ASX to ensure the industry is comfortable with these messages and ensure they are still fit for purpose.

Planned industry engagement on business and technical design will be separate to allow the appropriate audience to attend and discuss the topics relevant to them in the level of detailed required. As required, additional ad hoc working groups can be setup to facilitate discussion on any other topics from the Committee.

Member discussion:

A member representing an Approved Listing Market Operator raised a question on the security benefits of the ISO 20022 messaging standard. The Enterprise Architect, CHESS Replacement Project identified two areas of security; the transport, which is a modern transport that uses TLS to provide robust authentication and encryption and support of non-repudiation through an ISO signature. The Enterprise Architect, CHESS Replacement Project suggested the use of an ISO signature would be subject to consultation noting feedback from the previous CHESS Replacement Project sought the ability to turn off signing of outbound messages to reduce the size of messages (where the signature was two kilobytes per message).

A member representing a share registry requested clarification on ISO's capacity for larger messaging volumes, noting its larger data size compared to EIS. The Enterprise Architect, CHESS Replacement Project stated that, by comparison, modern networks are significantly faster than when current CHESS was originally designed. The Enterprise Architect, CHESS Replacement Project added that ASX intends on having a system where signing is configurable, specifically mentioning there is room for feedback and discussion on whether this can be turned off for outbound messaging. The Chair noted that learnings from the previous CHESS Replacement project also highlighted the need to complete key non-functional tests early in the project delivery lifecycle.

A member representing a software vendor requested clarification on the nature of the interface options survey. The Enterprise Architect, CHESS Replacement Project stated the survey would create visibility of Committee member preferences for transaction interfaces and data access, also enabling organisations to provide an avenue for any further

suggestions. The Chair further added the goal of the CHESS Replacement Project is to limit the impact of the redesign on the industry, suggesting organisations are able to respond based on what they'd previously built to.

To support resourcing, a member representing a registry requested clarification on the timeframe for the business and technical design working groups. The Chair and ASX General Manager, Business Design clarified this is expected in the second half of next year.

A member representing a software vendor requested clarification on how closely ASX adopted the ISO messaging standard in terms of local customisations on the global standard. The ASX General Manager, Business Design took this as an action.

A member representing a participant questioned whether there would be consultation on a low-volume user interface. The Senior Product Manager, Securities and Payments stated the user interface continued to remain in-scope, would form part of the survey and reiterated the importance of Committee members specifying their user interface use case to ensure ASX understands the context of each organisation's preference.

AGENDA ITEM 7: Other matters

a)   Forward work plan

The ASX Stakeholder Engagement Senior Manager, Equity Post Trade provided an update on the forward work plan.

The next Committee meeting on 13 September will include the validation of the list of scope recommendations being put forward to the 11 October Business Committee, a playback and discussion of the industry feedback on interface options, along with the standing agenda items of project status updates and member feedback.

b)   Meeting observations

The appointed independent meeting observer complimented the timeliness of the pre-read material as well as the overall discussion and participation within the Committee. The observer continued noting the Chair guided the meeting well against the agenda. The observer expressed their disappointment regarding the lack of discussion on project scope, acknowledging however the information wasn't available due to the limited survey responses received. One improvement area the observer suggested from a meeting hygiene perspective was that Committee members should introduce themselves when speaking, especially for those physically present, as it is not always clear who is speaking to those attending virtually.

The meeting closed at 3.07pm.

Signed as a correct record of the meeting.

_____   _____
                                                        13 September 2023

Chair   Date