



MINUTES OF THE ISO 20022 TECHNICAL COMMITTEE

Tuesday 2 May 2017

ASX offices, 20 Bridge Street, Sydney; Webinar

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- 2. Minutes from last meeting, open actions**
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 - 6e ISO 20022 case study for message simplification (including EIS 134, 138)**
 - 6f ISO 20022 dual entry message usage guidelines (multiple EIS messages)**
- 7. Next meeting**

ATTENDEES

MEMBERS		
Company	Name	Job Title
Australian Payments Network Limited	Paul Creswick	Security Standards Manager
Bank of America Merrill Lynch	Andree Hindmarsh	Head of GMOT Australia
Bell Potter Securities	Dean Surkitt	Managing Director Retail
BNP Paribas Securities	Narelle Rutter	Head of Local Custody & Clearing Operations
BNP Paribas Securities	Wayne Murphy	Project Manager
Boardroom Limited	Tony Robinson	Senior Software Engineer
Boardroom Limited	Michael Mullins	CIO
Broadridge (Australia)	John Greenhow	General Manager, Australia
Broadridge (Australia)	Manoj Mathew	Business Analyst
CBA Equities	Joel Cox	Technical Business Analyst
CBA Equities	Carolyn Webb	Test Manager
CBA Equities	Ben Lowe	Manager Settlements
Chi-X Australia	Mike Aikins	Head of Solution Development
Chi-X Australia	Suketu Adhvaryu	Senior Solution Architect
Citicorp	Miles O'Connor	Director, Direct Custody & Clearing Securities Markets & Securities Services
Citicorp	Brett Dennis	Head of Operations – Party Clearing
Citicorp	Vlad Medvedev	
Citicorp	Lyall Herron	
Citicorp	Janice O'Brien	Markets & Securities Services Technology
Citicorp	Matthew Warner	
Citicorp	Ashok Kumar Balusa	
Citicorp	Glenn Pahilan	
Computershare	Paul Walton	Senior Manager, Corporate Actions & New Business Development – Investor Services
Computershare	Leanne Bailey	Senior Business Analyst Product & Innovation
Deutsche Securities	Luke McLeod	VP, Securities Operations Technology, Program Manager
Dion Global Solutions	Craig Gray	Product Manager – Australia and New Zealand
Dion Global Solutions	Nikki Gleisner	Account Manager
GBST	Andrew Murdoch	Product Specialist, GBST Capital Markets
GBST	Sue Schafer	Product Owner
Goldman Sachs	Darrel Schwarz	Technology Vice President
Goldman Sachs	Nichole Alexander	Operations Vice President
HSBC Securities Services	Gregory Wilkin	Head of HSBC Operations
JP Morgan	Ed Lawson	Settlements Manager
JP Morgan	Danny Ng	Middle and Back office AD Manager
JP Morgan	Scott Oakland	Direct Custody Product Manager Australia
JP Morgan	Daniel Smith	VP, Network Management
JP Morgan	Lesley Henderson	Technology Product team
Link Group	Ian Batterham	Business Applications Architect

MEMBERS		
Company	Name	Job Title
Link Market Services	Sue Julian	National Manager, Corporate Actions
Macquarie Group	Paul Bragg	Senior Manager Equities Clearing ANZ
Macquarie Group	Merrilyn Auton	Manager Operations
Morgans Financial	Matt Neubauer	Team Leader, Service Management Team
Morgans Financial	Ed Strike	IT Manager
Morgan Stanley	Dorothy Wilson	Executive Director Morgan Stanley Wealth Management, ISG Technology
Morgan Stanley	Oscar Dela Cruz	
Morgan Stanley	Andrew Fielder	
Morgan Stanley	Gordon Davies	VP/Firmwide Ops
Morgan Stanley	Kirsty Venters	VP, Prime Brkrng Funding & Fin Tech
National Stock Exchange	Scott Evans	General Manager & Company Secretary
National Stock Exchange	Lina Lim	Head of Technology
Nomura Research Institute	John Ryan	Senior Consultant
Securitease	Anton Smith	Director
Share Investing	Phil Barnes	Senior Manager, Platforms
Stockbrokers & Financial Advisers Association Limited (SAA)	Andrew Green	Chief Executive
Stockbrokers & Financial Advisers Association Limited (SAA)	Danielle Henderson	Chair of SAA CHES working group
SWIFT Standards	Mieko Morioka	Senior APAC Standards consultant
SWIFT Standards	Nicole Jolliffe	Senior APAC Standards consultant
SWIFT	Kees Middendorp	Commercial Director, Securities
Sydney Stock Exchange	Jadeah Dogias	Supervisor – Market Control
Sydney Stock Exchange	Leo Zhang	Business Analyst
UBS	Phillip Drury	Phillip Drury, Executive Director, Equities IT
UBS	Duncan Earl	Executive Director, Head of Change, UBS Group Operations
Wealthhub Securities	James Channon	Manager, Capital Markets Trading

ASX Management	
Name	Job Title
Tim Hogben	Chief Operating Officer (Chair of the Technical Committee)
Cliff Richards	General Manager, Equity Post Trade Services
Karen Webb	Manager, Equity Post Trade Services
Rodd Kingham	Senior Manager, Equity Post Trade Services
Russell Eyre	Enterprise Architect
Anne-Marie Fisher-Taylor	Architect CSD Development
Darcy Wright	Senior Business Analyst, Equity Post Trade
Priscilla Ferri de Barros	Senior Business Analyst, Equity Post Trade
Gary Hobourn	Senior Economic Analyst, Regulatory and Public Policy

APOLOGIES

MEMBERS		
Company	Name	Job Title
Australian Payments Network Limited	Andy White	Chief Operating Officer
Morgan Stanley	Dorothy Wilson	Executive Director Morgan Stanley Wealth Management, ISG Technology
Sydney Stock Exchange	David Lawrence	Company Secretary
SWIFT	Chermaine Lee	SWIFT Project Coordinator

The meeting commenced at 3.00pm.

Agenda item 1: Agenda overview

The Chair welcomed Technical Committee members to the meeting including members attending by webinar.

The Chair outlined the Agenda for this meeting, referring to the presentation slides prepared by ASX. The agenda included an overview of the proposed forward plan of meeting topics.

Agenda item 2: Minutes from last meeting, open actions

The Chair noted that the minutes from the last meeting held on 14 March 2017 had been finalised, and that there had been no feedback from members on the circulated draft minutes. The minutes have been published on the ASX CHES Replacement web page.

The Chair noted the outstanding actions from the last meeting as outlined on slide number 4 from the ASX presentation.

Action item 10 was for Market Operators to advise the preferred MIC to be presented in trade related messages as the "Place of Trade". ASX had received an updated from SSX, and requested a response from Chi-X and NSX. **This item remains open.**

Action item 15 was for ASX to schedule a future agenda item to discuss transition arrangements, including any changed values (e.g. party identifiers). The Chair noted that ASX had noted this on the on the forward agenda. **This item has been actioned and was closed.**

Action item 16 was for ASX to create a register of matters that may impact upstream, downstream systems or processes, including codes, identifiers and ISO 15022. The Chair confirmed that ASX had prepared a draft Register of Upstream/Downstream matters (shown on slide number 5 of the ASX presentation) and will continue to maintain that register going forward. **This item has been actioned and was closed.**

Action item 17 was for ASX to provide further information on party identification for issuers. The Chair noted that ASX had re-distributed the notes on BICs prepared for this action item, updated with more recent information from SWIFT on changes to the BIC standard coming into operation. The Chair asked a representative from SWIFT to provide an overview of the changes. The Chair confirmed that ASX was still reviewing the potential process for identification of issuers. **This item remains open.**

Action item 18 was for ASX to draft procedures for change request to usage guidelines and code lists. The Chair noted that ASX proposed to add this item to the Register of Upstream/Downstream matters for future consideration. Members agreed with this approach. **This item has been actioned and was closed.**

Agenda item 3: CHES Replacement project update by ASX

The Chair invited the General Manager, Equity Post Trade Services to provide an update on the CHES Replacement project. The General Manager provided an overview of ASX's progress in establishing working groups to discuss 6 key topics, as outlined on slide number 6 in the ASX presentation. The key objectives of the working groups would be to determine the key issues with current environment and determine business requirements with a priority ranking.

The General Manager, Equity Post Trade Services also outlined how ASX had structured the project work, with 3 key streams of related work on business requirements, ISO 20022 messaging and stakeholder engagement. This work was

reusable, and agnostic with regards to the technical solution. The General Manager, Equity Post Trade Services confirmed that the Digital Asset distributed ledger technical build was continuing with the decision on this technology still expected to be made in late 2017.

Agenda item 4: ISO 20022 project update by ASX

The Chair invited the Manager, Equity Post Trade Services to provide an update on the ASX ISO 20022 stream of work. The Manager referred to slide number 8 of the ASX presentation and noted that ASX and SWIFT work continues on the ISO 20022 mapping with around 90 CHESSEIS messages now mapped in draft (of the 131 planned for the first half of this year). The team was also focused on fine tuning the use of the SWIFT MyStandards tool, and had spent some time in preparation for the trial training webinar held on 27 April. ASX and SWIFT were also planning the tranche of work scheduled for the second half of the year.

Agenda item 5: Update from Business Committee

The Chair noted that the next Business Committee was to be held on Thursday 4 May. Topics for discussion included an update from the 7 February and 14 March Technical Committees; and for ASX to provide an overview of the key themes in the responses to the ASX Supplementary Questionnaire on Business Requirements for CHESSE Replacement.

Agenda item 6: Matters for Consideration

a) Trial ISO 20022 introductory webinar - feedback

The Chair invited the Manager, Equity Post Trade Services to provide feedback on the trial ISO 20022 webinar conducted by SWIFT on 27 April. The Manager confirmed that 33 attendees from 12 organisations had registered for the webinar, compared to the 50 places available, and ASX understood a number of organisations would have attended as teams. ASX had worked with the SWIFT training team to capture key themes and relevant business areas for the trial webinar, with an emphasis on the standard rather than the ASX implementation. The Agenda for the webinar was outlined on slide number 11 of the ASX presentation. The Manager outlined that the webinar was part of a series of webinars to be made available by SWIFT, as discussed at the 7 February Technical Committee meeting. The Manager confirmed that ASX had requested feedback from the webinar attendees and sought responses from the members as to the suitability of the webinar, fit for audience, format and agenda.

A member confirmed that the webinar was good for a basic understanding of ISO 20022 and suited a business analyst level of audience. If the material was to develop into more technical in nature, then it would suit technology attendees.

A member asked if it was possible to replay the webinar (was it recorded) for those members that could not attend? The Manager confirmed that the arrangement with SWIFT was for a series of webinars that were held live, but could not be recorded. A SWIFT representative confirmed these were the training arrangements in place.

A member suggested that it would be worthwhile to include additional content on the ASX project, including example mapping between current CHESSE messages and the proposed ISO 20022 messages. This would be helpful at message level (flows) and content level. The member also commented that it would be helpful to also compare this to ISO 15022 messages in use in the market. The Chair asked the member to provide ASX with a sample of where this had been provided elsewhere. **(Matters Arising 1/Action item 19)**

The Chair commented that there may be a divergence in the representatives attending the committee meetings, review material and training, for example business compared to technical experts.

A member responded that for now that each organisation should ascertain the level of business or technical involvement needed at the meeting and other events. It would be good if the training webinars could differentiate

between technical and business audience. The member acknowledged that ASX could only do so much in planning the agendas and material.

The Chair summarised member sentiment that future webinar agendas should be clear on whether agenda items were of a technical or business nature to assist members determine the right representatives to attend. The Chair noted that ASX would propose a plan and distribute potential topics for the remaining training webinars for feedback. **(Matters Arising 2/Action item 20).**

The Chair also requested that SWIFT provide a list of standard training topics to share. **(Matters Arising 3/Action item 21).**

A member asked if the presentation from the trial webinar could be circulated to Technical Committee members, allowing further review of content. The Manager Equity Post Trade Services confirmed this would be done. **(Matters Arising 4/Action item 22).**

A member noted that the ISO 20022 for Dummies booklet was also a good start for education on ISO 20022.

b) CHES demand reporting messages feedback

The Chair noted that ASX had summarised the key themes from the 9 member responses to the ASX questionnaire regarding CHES demand reporting (refer slide number 13 in the ASX presentation).

The Chair raised concern on the limited responses (9) to the questions asked of the Committee regarding CHES reporting. The Chair noted decisions would be made on these limited responses and that it was in everyone's interests to conduct a thorough review of the detail provided to them given the importance of reporting for the various facets of their business. The Chair noted an extension of the response timeframe and that ASX had provided guidance on slide number 16 of the ASX presentation around the interpretation of the statistics provided, and that reports were clearly outlined in the CHES External Interface Specification and the ASX Settlement Procedure Guidelines. **(Matters Arising 5/Action item 23)**

The Chair noted that ASX would continue its own investigation into candidates for descope and merging, taking into account the feedback already received.

A member noted that it had taken its organisation some time to figure out the reports in use.

A member noted that AMOs use the CHES message 503 to seek sub register status, and sought ASX's guidance on whether this would be available on ISO 20022 or FIX. ASX confirmed that it was planning to discuss message format for AMOs in the upcoming AMO working group meetings.

c) MyStandards, ISO 20022 usage guideline review (EIS 164, 101)

The Chair referred to the information provided by ASX on slide number 18 of the ASX presentation, noting that while there was now a number of member representatives registered on SWIFT MyStandards and viewing guidelines, ASX had only received feedback on the published guidelines from one member.

The Chair asked that member to share her experience of setting up and use of MyStandards. The member noted that the registration process was easy with good support from ASX, and her process was to compare the EIS to the ISO 20022 guidelines to easily get a sense of the changes and new mapping. The member noted that she had issues with trying to make a comment against the usage guidelines so had provided feedback via email. Two other members noted they had the same issue. The Chair noted that ASX and SWIFT would follow up to ensure the comments function was working, and asked members to raise any issues immediately with ASX rather than waiting for meetings, by email to CHESReplacement@asx.com.au or directly. **(Matters Arising 6/Action item 24)**

A member asked how ASX would share usage guidelines going forward and whether an alert would be provided to members when additional guidelines were available for review. The Manager, Equity Post Trade Services confirmed that for now ASX would advise the availability of additional guidelines by email and at the meetings.

The Chair invited the ASX Senior Business Analyst to recap on the key mapping features for the EIS 164 message and 101 message, as shared with the committee at the last meeting (refer slide numbers 19 to 21 of the ASX presentation), and the feedback received on the usage guidelines. A member had noted a difference between the Override Basis of Movement code lists in the 164 and 101 usage guidelines, and ASX confirmed that this had been corrected. The member also suggested ASX consider the inclusion of the Origin of Order as an additional trade reference, and an indicator of principal or agency to help determine brokerage charges.

A member asked if ASX would be mapping based on new values agreed with the committee, such as BIC in place of PID. ASX confirmed that would be the case.

The Chair confirmed that members could continue to review and provide feedback on the usage guidelines made available since the 14 March 2017 Technical Committee meeting.

d) Overview of the Business Application Header (BAH)

The Chair invited a representative from SWIFT to provide an overview of the Business Application Header (BAH) – refer to slides numbered 24 to 29 of the ASX presentation. It was important for members to note that the BAH was part of the business message together with the message payload.

The ASX Senior Business Analyst then provided an overview of the proposed BAH for the CHES Replacement implementation, noting the key elements (refer slides numbered 30 to 31 of the ASX presentation). The Analyst noted that ASX would share the BAH usage guideline on MyStandards following the meeting.

e) ISO 20022 case study for message simplification (including EIS 134, 138)

The ASX Senior Business Analyst provided an overview of the current relationship of the EIS 164 to the EIS 138, and then the EIS 134 (refer slide number 32 of the ASX presentation). There was an opportunity to reduce the volume of messages by changing the current 1 to 1 relationship between a 164 and 138 and instead consolidating to a single 138 (secl.010) message per 'security netting pool' for the participant. The analyst asked members if this proposal would create efficiencies or have cost implications compared to the current model.

The Chair noted that under current processing participants get periods of processing where netting messages were backlogged, holding back other messages that may be of a higher priority.

A member asked what the physical limit for the consolidated 138 message would be. The analyst confirmed that there was a practice to set a standard size, and allow for pagination/overflow.

A member asked if the new consolidated 138 message would be per security. The analyst confirmed that was the case.

The ASX Senior Business Analyst provided an overview of the current relationship between the EIS 138 and EIS 134 (refer slide number 33 of the ASX presentation) and that the information included in those messages and the ISO 20022 equivalent provided the opportunity to rationalise those messages into a single usage guideline using secl.010.

The analyst asked members if this proposal would create efficiencies or have cost implications compared to the current model.

The Chair noted that ASX was not expecting feedback on a “yes or no” basis today on the two proposals, but the concepts were being raised as opportunities for discussion.

A member asked if there were any other examples that ASX had identified that could also follow this concept, and that this would be helpful to review across the message set. The analyst noted that for now, the 138 and 134 were strong candidates because of the current volume of messages involved but that other opportunities to consolidate and rationalise existed in other business events such as settlement, and transfers and conversions

A member asked if ASX could provide samples of both the rationalised and consolidated secl.010 scenarios for review. The Chair confirmed ASX could provide samples to members **(Matters Arising 7/Action item 25)**

A member asked if there was a process to seek feedback from organisations on such matters. The Chair confirmed that ASX was seeking feedback from Technical Committee members, and they should provide feedback to this forum. The Chair suggested ASX provide a proposal to broaden the engagement and method to seek feedback on key concepts such as consolidation/rationalisation. **(Matters Arising 8/Action item 26)**

A member suggested that each system may be impacted differently by such changes, but good feedback should be provided on this. The member asked for confirmation that conceptually the secl.010 was used for netted obligations and netted trades per security. ASX confirmed that was correct.

A member asked if the proposed new model created something new in the standards. ASX confirmed that wasn't the case, it was just an example of usage of the standard.

A member noted that the impact may be different for different segments of the market.

f) ISO 20022 dual entry message usage guidelines (multiple EIS messages)

In reference to slide number 35 of the ASX presentation the ASX Senior Business Analyst noted that ASX had mapped the EIS 101 through to EIS 166 chain of messages and that these messages would be published on MyStandards for review by members prior to the next meeting.

Agenda item 7: Next meeting

The Chair summarised the key action items from the meeting and noted that draft minutes from the meeting would be circulated to members for review.

The Chair also introduced a new ASX team member Priscilla Ferri de Barros who would also be working on the ISO 20022 mapping, and brought a wealth of post trade experience from her previous roles and standards work at BM&FBOVESPA.

The Chair confirmed that the next meeting would be held on Tuesday 6 June in Melbourne, and otherwise by webinar. Details would be provided to members.

The Chair noted the planned agenda for this meeting as outlined on slide number 36 of the ASX presentation.

The Chair thanked members for their input, and for participating in the meeting. The meeting closed at 5.00pm.

Signed as a correct record of the meeting.

A handwritten signature in black ink, appearing to be 'A. M.', written above a horizontal line.

Technical Committee Chair

The date '1 JUNE 2017' written in black ink above a horizontal line.

Date

ACTION ITEMS

No.	Meeting Date	Open Action Items	Owner	Due Date
10	7 February 2017	Market Operators to advise the preferred MIC to be presented in trade related messages as the "Place of Trade".	ASX, Chi-X, NSX, SSX	6 June 2017
17	14 March 2017	Provide further information on party identification for issuers – UIC or BIC and proposed process.	ASX	6 June 2017
19	2 May 2017	Provide sample of demonstration of comparison between ISO 20022 and ISO 15022 messages.	Scott Oakland, JPM	6 June 2017
20	2 May 2017	Provide details of a proposed plan including potential topics for the remaining training webinars for feedback, including identification of business vs. technical topics.	ASX	6 June 2017
21	2 May 2017	Provide a list of standard training topics to share.	SWIFT	6 June 2017
22	2 May 2017	Provide members with a copy of the presentation material from the trial training webinar held on 27 April 2017.	ASX	6 June 2017
23	2 May 2017	Further review of the ASX CHES demand reporting summary and responses to questions contained in that summary.	Members	6 June 2017
24	2 May 2017	Resolve issue with Comments function on MyStandards and advise members when fixed.	ASX/SWIFT	6 June 2017
25	2 May 2017	Provide samples of the proposed consolidation and rationalisation scenarios for EIS 138 and EIS 134.	ASX	6 June 2017
26	2 May 2017	Provide proposal to broaden the engagement and method to seek feedback on key concepts such as consolidation/rationalisation.	ASX	6 June 2017

No.	Meeting Date	Closed Action Items	Owner	Closed Date
1	13 December 2016	Amend the Charter to reflect that the Chair “will” (instead of “may”) forward copies of the minutes to the Business Committee for endorsement. ASX to publish and distribute final Charter.	ASX	13 December 2016
2	13 December 2016	Provide members with information on how to access SWIFT MyStandards.	ASX	14 March 2017
3	13 December 2016	Provide members with an overview of ISO 20022 training options.	ASX/SWIFT	7 February 2017
4	7 February 2017	Provide members with list of current scope of messages for detailed mapping during first half 2017.	ASX	14 March 2017
5	7 February 2017	Schedule training webinar for the attendance by members and seek and review feedback after the initial webinar.	ASX / SWIFT	14 March 2017
6	7 February 2017	Add link to relevant ISO 20022 information websites to the CHES Replacement web page.	ASX	14 March 2017
7	7 February 2017	Provide more details on access to online education available at swift.com.	SWIFT	14 March 2017
8	7 February 2017	Provide members with the current list of Market Identification Codes (MICs)	ASX	14 March 2017
9	7 February 2017	Provide members with more information on the use of BIC vs. UIC as the party identification code.	ASX / SWIFT	14 March 2017
11	7 February 2017	ASX to conduct analysis on whether the identification of a financial instrument is a fixed value or true value of the proprietary code issuer.	ASX	14 March 2017
12	7 February 2017	Provide list of proposed code (i.e. condition or BOM) in ISO 20022 format (4 character) mapped against CHES codes.	ASX	14 March 2017
13	7 February 2017	Add a general CHES Replacement update to the standing agenda for meetings.	ASX	14 March 2017
14	7 February 2017	Check the next Technical Committee meeting date planned for March and advise members of any change.	ASX	14 March 2017
15	14 March 2017	Schedule future agenda item to discuss transition arrangements, including any changed values (e.g. party identifiers).	ASX	2 May 2017

No.	Meeting Date	Closed Action Items	Owner	Closed Date
16	14 March 2017	Create register of matters that may impact upstream, downstream systems or processes, including codes, identifiers and ISO 15022.	ASX	2 May 2017
18	14 March 2017	ASX to draft procedures for change requests to usage guidelines and code lists.	ASX	2 May 2017

