

Minutes

ISO 20022 Technical Committee Meeting

Date	Tuesday, 25 February 2020	Time	3.00pm – 5.00pm
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Location	ASX Offices – Level 1, 20 Bridge Street, Sydney and via webinar
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1. Welcome, Agenda

2. Minutes from last meeting, open actions

3. Matters for Consideration (Business and Technical Matters)

- a) Review of member feedback on published 'to-be' messages
- b) Reporting
- c) Change of controlling participant notifications
- d) Isolate counterparty
- e) Account cancellation
- f) Updates to account creation for migration purposes
- g) Payment provider – fund transfer
- h) Updates to BAH to include Business Date
- i) 'To-be' messages for review

4. Standing agenda items

- j) CHES Replacement project update by ASX
- k) ISO 20022 project update by ASX
- l) Update from Business Committee

5. Next meeting - Tuesday 7 April 2020 - Sydney

Technical Committee Members

Company	Name	Job Title	Apologies
Advanced Share Registry Limited	Frances Sumich	Accounts Manager	
Advanced Share Registry Limited	Patrick Gan	IT Manager	
Australian Payments Network Limited	Andy White	Chief Executive Officer	Apology
Australian Payments Network Limited	Luke Wilson	Chief Operating Officer	
Automic Group	Monika Jha	Business Analyst	
Bank of America Merrill Lynch	Andree Hindmarsh	Head of GMOT Australia	
Bank of America Merrill Lynch	Jimmie Alam		
Bell Potter Securities	Dean Surkitt	Managing Director Retail	
BNP Paribas Securities	Penelope Stafford	Manager Settlements	
BNP Paribas Securities	Wayne Murphy	Project Manager	
Boardroom Limited	Tony Robinson	Senior Software Engineer	
Boardroom Limited	Michael Mullins	CIO	
Boardroom Limited	Mike Kramarenko	Software Engineer	
Boardroom Limited	Evelyn Cinco	Senior Business Analyst	
Broadridge (Australia)	Manoj Mathew	Business Analyst	
Broadridge (Australia)	Mabel Chow	Development and Support Manager	
Broadridge (Australia)	Tomas Kliman	Senior Project Manager	
Broadridge (Australia)	James Marsden	APAC Business Development & Strategy	
Broadridge (Australia)	Andy King	Product Specialist	
Broadridge (Australia)	Anil Wali	Product Specialist	
Broadridge (Australia)	Alok Ranjan	Technology Specialist	
Broadridge (Australia)	Beverley Chatterton	Senior Business Analyst	
Broadridge (Australia)	Richard Widjaya		
BT Portfolio	Andrea Chaplin	Senior Product Development Manager	

Company	Name	Job Title	Apologies
BT Portfolio	Leah Mansell		
CBA Equities	Carolyn Webb	Solution Delivery Manager	
CBA Equities	Darcy Wright	Senior Business Architect	
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	Andrew Gibson	Director – Head of Direct Custody and Clearing Australia & NZ	
Citicorp	Brett Dennis	Head of Operations – Party Clearing	
Citicorp	Lyall Herron		
Citicorp	Janice O'Brien	Markets & Securities Services Technology	
Citicorp	Matthew Warner		
Citicorp	Ashok Kumar Balusa		
Citicorp	Glenn Pahilan		
Citicorp	Stephen Rylands	Product Manager	
Citicorp	Pradeep Pandian		
Citicorp	Sandeep Pawaskar	Custody Technology	
CMC Markets Stockbroking	Nikola Vanstan	Change Manager	
Computershare	Paul Walton	Senior Manager, Corporate Actions & New Business Development – Investor Services	
Computershare	Leanne Bailey	Senior Business Analyst Product & Innovation	
Computershare	Laik Tan		
Computershare	Carl Christensen	Senior Project Manager	
Computershare	Nicki Priem	Projects Manager, Technology Services	
Computershare	Darko Mohenski		
Deutsche Securities	Kevin Novini		
Digital Asset	Fil Mackay	Senior Product Architect	

Company	Name	Job Title	Apologies
FinClear Technology	Craig Gray	Product Manager – Australia and NZ	
FinClear Technology	Nikki Gleisner	Account Manager	
FinClear Technology	Allan Morris		
FinClear Technology	Craig Day		
FinClear Technology	Ravinder Jabbal		
GBST	Sue Schafer	Product Owner	
GBST	Khanh Le	Systems Architect	
GBST	Valter Di Girolamo	Senior Business Analyst	
Goldman Sachs	Josh Rice		
Goldman Sachs	Nidhi Luthra		
Goldman Sachs	Kenichi Shirasuna	Securities Settlements Technology	
Goldman Sachs	Calvin Lo		
Goldman Sachs	Lakshmi Narayanan	Associate, Software Engineer	
HSBC Securities Services	Gregory Wilkin	Head of HSBC Operations	
HSBC Bank Australia Limited	Michael Macintosh	Senior Client Account Manager, Global Liquidity and Cash Management	
HSBC Bank Australia Limited	Anna Fratini	Senior Product Manager – High Value Payments, Clearing and Financial Institutions	
HSBC Bank Australia Limited	Phyllis Yeung	Senior Analyst	
HSBC	Edmond Chan	Senior IT Development Manager	
HSBC	Cherrie Xu	Head of IT Securities Service	
HSBC	Asri Asat	Optimisation Manager, Securities Service	
HSBC	Chang Gao	Business Consultant	
HSBC	Simon Siluk	Project Manager	
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	Apology

Company	Name	Job Title	Apologies
JP Morgan	Ned Miglez		
JP Morgan	Daniel Smith	VP, Network Management	
JP Morgan	Lesley Henderson	Technology Product team	
Link Group	Ian Batterham	Business Applications Architect	
Link Group	Stephen Dear	Project Manager	
Link Group	Paris Kermanshahi	Project Manager / IT Release Manager	
Link Group	Elvira Imamovic	Technical Analyst	
Link Group	Srinivas Mogula	Technical Analyst	
Link Group	Wing Wong	Solution Architect	
Link Group	Blanca Valle		
Link Group	Georgia Liu		
Macquarie Group	Paul Bragg	Senior Manager Equities Clearing ANZ	Apology
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	Kirsty Venters	VP, Prime Brkrng Funding & Fin Tech	
Morgan Stanley	Oscar Dela Cruz		
Morgan Stanley	Andrew Fielder		
Morgan Stanley	Gordon Davies	VP/Firmwide Ops	
Morgan Stanley	Andrew Sime		
Morgan Stanley	Emily Krezlewski	Operations	
NAB Asset Management	Suresh Chinnappa	Senior Manager ASO Process Enhancement	
NAB Asset Management	Mark Zahorjanski	Lead Overnight Custody Support	
National Stock Exchange	Yemi Oluwi	Head of Technology	
Nomura Research Institute	John Ryan	Senior Consultant	
Nomura Research Institute	Ashish Jha		

Company	Name	Job Title	Apologies
Nomura Research Institute	Sayantana Majumdar	Chief Manager, Business Solutions	
Nomura Research Institute	Diptesh Chakraborty	Solution Architect	
Northern Trust	Yen Pan Chung	Senior BA, Market Advocacy and Innovation Research	
Northern Trust	Pawel Kalbrun		
Northern Trust	Tracey Murphy		
RBC	Jeanette Broome	Head of Operations Engineering team AsiaPac	
RBC	Jaime Chia	Head of Application Support Australia	
Securitease	Anton Smith	Director	
Securitease	Chris Werry	Business Analyst	
Securitease	Angela Losurdo	Business Systems Analyst	
Securitease	David Hinkley	General Manager	
Securitease	Joanne Gresslehner	Project Manager	
SWIFT Standards	Nicole Jolliffe	Senior APAC Standards consultant	
Sydney Stock Exchange	Leo Zhang	Manager – Market Control	
Sydney Stock Exchange	Omar Obol	Market Control Officer	
Sydney Stock Exchange	Antony Tolfts	Listing Director	
Third Party Platform	Lindsay Grugeon		
UBS	Phillip Drury	Phillip Drury, Executive Director, Equities IT	
UBS	Neil Martin	IT – Project Management	
Wealthhub Securities	James Channon	Manager, Capital Markets Trading	
Wealthhub Securities	Alona Ma	Associate – Broking Operations Specialist	
Wealthhub Securities	Sandeep Samireddy Gari		

ASX Management

Name	Job Title	Apologies
Tim Hogben	Chief Operating Officer (Chair of the Technical Committee)	
Gary Hobourn	Senior Economic Analyst, Regulatory and Public Policy	Apology
Con Korkofigas	Senior Legal Counsel and Senior Manager	
Tegan Jones	Senior Legal Counsel	Apology
Rohan Cush	Senior Legal Counsel	
Adriana Wild Taylor	Legal Counsel	
Cliff Richards	Executive General Manager, Equity Post Trade Services	Apology
Katie McDermott	General Manager, Equity Post Trade Services	
Karen Webb	Senior Manager, Equity Post Trade Services	
Russell Eyre	Enterprise Architect	
Anne-Marie Fisher-Taylor	Project Subject Specialist	
Frederik Van den Weghe	Head of Product, Equity Post Trade	Apology
Chris Boyes	Lead Business Analyst	
Priscilla Ferri de Barros	Lead Business Analyst, Equity Post Trade	
Sachin Zope	Senior Business Analyst, Equity Post Trade	
Sue Julian	Project Subject Specialist	
Narelle Rutter	Project Subject Specialist	

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 the meeting, referring to the presentation slides prepared by ASX. The Chair acknowledged this was the last scheduled meeting for the committee; whilst excellent progress had been made (98% messages completed) an additional meeting on 7 April 2020 was required (mainly for reporting, DRP enquiry, and margin/excess cash management). It would be clear at that next meeting what (if anything) remained outstanding.

AGENDA ITEM 2: MINUTES FROM LAST MEETING, OPEN ACTIONS

The minutes from the last meeting held on 28 January 2020 had been finalised, with no comments received. The minutes had been distributed and would be published on the CHES Replacement web page later that day.

The Chair noted the outstanding actions from the last meeting, as outlined on ASX presentation slide number 6.

Action item 20 was for ASX to provide a proposed plan for the remaining training webinars. The Chair noted that ASX would be guided by committee members as to the appropriate timing and content, and there had been no recent feedback on this item. **This item remains on hold.**

Action item 103 was for ASX to clarify the timing of the housekeeping message in the entitlement election (participant initiated) flow, for which the payment gets rejected before the deadline, and whether it could be done as close to RITS end-of-day as possible. At the 28 January meeting ASX agreed to consult with payment providers whether they wanted the message house-kept or rolled over to the next business day (assuming the next day was before applications close day). ASX also agreed it would consider whether the 4.30pm cut-off for corporate action refunds is necessary (or could be operationally received and scheduled for a future date). The Lead Business Analyst advised that ASX was scheduled to meet with payment providers via AusPayNet's ESPPSC at the beginning of March, where this topic would be discussed. The current solution design does not allow for payments to be scheduled for a future date. A member questioned whether ESPPSC was the appropriate forum for further discussion (and had the right representation at those meetings for this discussion), and noted a preference for bilateral discussions. The General Manager, Equity Post Trade suggested the purpose of that committee was exactly these kinds of matters, that ASX was also open to having bilaterals with specific payment providers as needed, and the member was welcome to suggest appropriate attendance from their organisation at that committee. **This item remains open.**

Action item 105 was for ASX to confirm whether an RTGS payment for an entitlement could be processed whilst the daily settlement batch was running. The Chair asked the member that had raised the query to confirm if this was corporate action acceptances would be received (outside of the batch), during the period when batch settlement was running. A member confirmed the concern here was visibility, i.e. if nothing was coming through on the last day, could it be because batch settlement was running. The Lead Business Analyst confirmed ASX would not process anything that touched holdings whilst batch settlement was occurring (from the 11.30am cut-off until settlement, for up to 1 hour), but ASX would need to review and confirm which specific messages in a corporate actions workflow would be processed or queued. The Chair advised that ASX would collate some data on average settlement times over the past 12 months to demonstrate the small period being discussed, to guide further conversation on this topic. **This item remains open.**

Action item 109 was for ASX to consider making the CEB reports available on an unsolicited basis for share registries, and on an on-demand basis for participants. The ASX Enterprise Architect confirmed that based on feedback and further investigation, the CEB report would be made available daily on an unsolicited basis for issuer registries, and on an on-demand basis for participants (and issuer registries). **This item was closed.**

Action item 110 was for ASX to consider whether and if so, how to provide greater visibility for a registry re CHES Transaction ID used in a corporate action entitlement to verify that a holder acquired the rights being accepted on. The

ASX Senior Legal Counsel advised that based on feedback, ASX would not be requiring a CHES Transaction ID in relation to acceptance messages through CHES for rights offers involving long form disclosure where the right has been renounced and traded. This amended solution was reflected in the tranche 2 rule consultation package, and ASX would be engaging with ASIC shortly regarding potential regulatory relief referred to in the consultation paper. ASX would provide materials to ASIC in March and meet with ASIC in April. A member suggested it was necessary to consider the matter in a broader context – the outcome of moving an entitlement from one holder to another, not focusing on whether or not there was a market trade (i.e. acknowledging there are off-market transactions). The ASX Senior Manager and Senior Legal Counsel confirmed this would form part of the discussion with ASIC. A member asked if this would cause any changes in the specifications, and ASX confirmed this was not anticipated at this stage however would be contingent on the outcome of discussions with ASIC. **This item remains open**, pending further discussion with ASIC.

AGENDA ITEM 3: MATTERS FOR CONSIDERATION

a) Review of member feedback on published ‘to-be’ messages

Referring to ASX presentation slide number 8, the Senior Business Analyst, Equity Post Trade outlined the feedback that had been received from members to the messages shared at the 28 January meeting, on the topics of corporate action refunds and mFund redemptions. The nature of the comments did not require any changes to these messages. ASX’s responses to each of the comments received in MyStandards would be published the following day.

b) Reporting

Referring to ASX presentation slide number 9, the ASX Enterprise Architect sought feedback from members on the projection reports ASX proposed to de-scope (morning of settlement)– noting this would impact payment providers and settlement participants. A payment provider member suggested these reports were not normally material, but there was a liquidity aspect to them and they were used in specific circumstances – for example a provider’s amount threshold would likely trigger exception processing. The member suggested that provided there was a way for users to self-serve this data via intra-day reporting, there would not be a need for this start of day reporting. Another member suggested ASX table its proposal with the ESPPSC. The Chair asked if payment providers would have visibility into their funding requirements prior to settlement cut-off, and the Enterprise Architect confirmed that visibility could in theory be provided via direct ledger API, or browser, but needed to review exactly what contracts were visible to payment providers Day 1. ASX confirmed it would raise this with ESPPSC, and members (payment providers and settlement participants) were requested to provide feedback on ASX’s proposed de-scoped projected reports. **(Matters Arising 1 – Action Item 111)**.

Referring to ASX presentation slide number 10, the Senior Business Analyst, Equity Post Trade stepped through the ‘to-be’ message consolidation table for demand reporting. A member asked if there would be an end of reporting message (equivalent to EIS 538, 542), and the Senior Business Analyst, Equity Post Trade confirmed this would be presented at the next meeting, along with the full flow of reporting. The Senior Business Analyst, Equity Post Trade then explained the current message breakdown of the EIS 502, and the future message breakdown of the rptg_604 message (including pagination, if required), with reference to ASX presentation slides numbered 11 to 13. Regarding pagination, a member asked if there would be a maximum number of repeating groups within 1 message. The Enterprise Architect confirmed it would be as large as technically possible without making the message too large, and would depend on whether the registry/issuer used the SWIFT network, in which case there was a 100KB limitation on file size. If the registry/issuer did not use the SWIFT network, it would depend on the maximum size of a DAML transaction (which was still under review with ASX).

Referring to ASX presentation slides numbered 14 to 16, the Senior Business Analyst, Equity Post Trade explained the detail of the rptg_601 and rptg_604 message. Regarding the rptg_604 message (which forms part of the unsolicited message set), ASX sought feedback on its proposal to only include corporate actions ID (with Basis of Movement and Ex Date only in the request rptg_601). One member questioned whether another option was to include all three as a combined field, and ASX encouraged members to consider and reply via comments in MyStandards. Discussion ensued

around usage of corporation action option numbers – if an issuer had two concurrent corporate actions running would they have unique corporate action event IDs, and whether registries relied on ASX to provide the corporate action event ID. A member clarified if the rptg_604 was the message which could be used to see total and available security balance, and the ASX Enterprise Architect confirmed there was a holding balance report and a separate subposition report, both of which could be used at any time throughout the day. There was also overnight total security balance reporting, and total CEB reporting – these would include the breakdown of total and available security balance. It was clarified that the Corporate Action Option identifier would only be visible to the participant. The Chair invited members to seek further clarification bilaterally with ASX.

Key elements of the rptg_605, rptg_602, rptg_603 and rptg_606 messages were outlined with reference to ASX presentation slides numbered 17 to 21.

c) Change of controlling participant notifications

Referring to ASX presentation slide number 22, the Senior Business Analyst explained the process flow for change of controlling participant and the 'to-be' message consolidation table. A member clarified that the acct_002 message would look the same in the event of a change of controlling participant and if the account was being setup by a participant (the same data would be carried across in both). Another member clarified the change of controlling participant functionality would be supported by the browser.

d) Isolate counterparty

Referring to ASX presentation slide number 23, the Senior Business Analyst provided an overview of isolate counterparty functionality. This functionality existed in CHES today, and ASX anticipated its usage might increase in the new system.

The Lead Business Analyst, Equity Post Trade then stepped through the 'to-be' message consolidation table, and the isolate counterparty request uml flow. A member clarified that all the messages would be somehow linked with transaction IDs, which ASX confirmed was correct. ASX also agreed to publish the uml with the transaction ID flow in the technical documentation as well as in MyStandards for review.

Owing to time constraints, ASX presentation slides numbered 27 to 29 were not discussed at the meeting and noted for members review.

e) Account cancellation

The Senior Business Analyst, Equity Post Trade explained the 'to-be' message consolidation table, message flow and specific elements of the message for account cancellation, with reference to ASX presentation slides numbered 30 to 32. Regarding terminology, one member suggested the term HIN cancellation was more accurate, however ASX clarified account cancellation was the correct terminology (capturing a HIN and all its associated holders) for CHES Replacement.

f) Updates to account creation for migration purposes

Referring to ASX presentation slide number 33, the Senior Business Analyst provided an update on account creation for migration purposes, including what was changing.

Regarding ASX's proposal that holder type must be changed from 'Unknown' to 'Individual' or 'Company' when changing the attributes of an Account associated to a Holder of type 'Unknown' and holder name must be restated, a member asked whether they could change the holder type again subsequently (if, for example, the account was setup incorrectly). ASX confirmed it could only be changed once (from 'Unknown' to something else), and if it needed to be changed again the participant would need to cancel the account and set it up again (this also applied if the account had holdings). A member suggested that to an issuer, these updated accounts would look like new accounts, and an ASX representative agreed to consider this feedback. Several members expressed concern over ASX's proposed approach.

Regarding ASX's proposed changes to increase the 'Registered Address' fields to five rows in order to support migration, a member questioned whether cleansing the data prior to migration would be a better approach, given that

development had already occurred based on three address lines (not five). Other members agreed, noting that adding two additional address lines at this late stage in the project added risk to the project (on the development side) and ASX needed to provide clarity on the types of accounts impacted (e.g. domestic or foreign?). It was suggested a change of this nature should have been explored years ago. An ASX representative agreed to provide clarity on the exact circumstances under which the fourth and fifth address lines would be populated. **(Matters Arising 2 – Action Item 112)**.

Regarding ASX's proposal that 'some' accounts migrated will be created within the new system with holder type 'Unknown', a member suggested this was applicable to all sponsored accounts (i.e. 98% of all HINs). Another member suggested it was akin to removing invalid country codes from current registration details, and defective Australian addresses that are missing mandatory data (likely a small number), and suggested users would rather do that than build an interfacing solution. An ASX representative acknowledged this feedback, and advised it would be discussed further in the Implementation and Transition Working Group.

g) Payment provider – fund transfer

The Senior Business Analyst provided an overview of the payment provider fund transfer message flow, and 'to-be' message consolidation table, with reference to ASX presentation slides numbered 35 and 36.

h) Updates to BAH to include Business Date

Referring to ASX presentation slide number 37, the Senior Business Analyst confirmed that Business Processing Date was being added as an optional field in the comm_802 message – Business Application Header. Members were requested to provide feedback via MyStandards if they need Business Processing Date on outbound messages, i.e. is the change necessary **(Matters Arising 3 – Action Item 113)**.

i) 'To-be' messages for review

Referring to ASX presentation slide number 38, the Senior Business Analyst noted that the messages discussed today would be published shortly after the meeting, with feedback requested via comments in MyStandards by 10 March 2020. A member asked for an extension of the due date, given the volume of work underway (including the tranche 2 rule consultation). The General Manager, Equity Post Trade acknowledged this, but requested the member endeavour to work towards that 10 March deadline (given the flow-on effects of extending the deadline), and request an extension bilaterally if indeed necessary. The Chair acknowledged that ASX would add this as a risk at the ASX Steering Group level, acknowledging the time/resource pressure users were under at this stage of the project.

A member asked what technical documentation would be released end-February versus the later drop (given ongoing discussions around reporting). The General Manager, Equity Post Trade confirmed there would indeed be an additional release of technical documentation after the February release, expected to be end of March. The February release was substantial and included mFunds and corporate action features (diary adjustments, code changes, class mergers and entitlement elections). It would not include reporting given feedback was still being solicited.

AGENDA ITEM 4: STANDING AGENDA ITEMS

a) CHES Replacement project update by ASX

The General Manager, Equity Post Trade Services noted that the CDE6 code was expected to be released to customers on 3 March. The CHES Replacement Technical Documentation site was undergoing a (visual/cosmetic only) Atlassian Product Upgrade. In response to a member query at the last meeting, The General Manager, Equity Post Trade Services noted the ASX Settlement Procedure Guidelines (APG) would be updated following the standard process of soliciting feedback via Focus Groups, Technical Committee and rule change consultation prior to finalising the updates. The second tranche of the rule amendment consultation was released on 21 February, with feedback due 3 April. The latest edition of the project newsletter went out earlier that day. The latest Connectivity & Integration Working Group meeting was held on 19 February, with one additional meeting of that group anticipated in due course. The next Implementation & Transition Working Group webinar was scheduled for 26 February, on technical accreditation.

b) ISO 20022 project update by ASX

Owing to time constraints, ASX presentation slide number 41 was not discussed at the meeting and noted for members review.

c) Update from Business Committee

The Chair advised that the next Business Committee meeting was scheduled for 8 April 2020.

AGENDA ITEM 5: NEXT MEETING

The Chair thanked members for their contributions to the meeting. The next meeting would be held on 7 April 2020 in Sydney.

The meeting closed at 5.05 pm.

Signed as a correct record of the meeting.



24 March 2020

Technical Committee Chair

Date

ACTION ITEMS

No.	Meeting Date	Open Action Items	Owner	Due Date
20	2 May 2017	Provide details of a proposed plan including potential topics for the remaining training webinars for feedback, standard training provided by SWIFT, and including identification of business vs. technical topics.	ASX	On hold
103	10 Dec 2019	Re Corporate Action entitlement - ASX to clarify the timing of the housekeeping message in the entitlement election (participant initiated) flow, for which the payment gets rejected before the deadline, and whether it could be done as close to RITS end-of-day as possible. At 28 January meeting ASX agreed it would consult with payment providers whether they did want the message housekept or rolled over to the next day (assuming the next day was before applications close day). ASX also agreed it would consider whether the 4.30pm cut-off for corporate action refunds is necessary (or could be operationally received and scheduled for a future date).	ASX	7 Apr 2020
105	10 Dec 2019	ASX to confirm whether an RTGS payment for an entitlement could be processed whilst the daily settlement batch was running. 25 Feb 2020: ASX to confirm the activities not permitted during batch settlement, and ASX to collate data on average batch settlement times over the past 12 months.	ASX	7 Apr 2020
110	28 Jan 2020	ASX to consider whether and if so, how to provide greater visibility for a registry re CHES Transaction ID used in a corporate action entitlement to verify that a holder acquired the rights being accepted on. 25 Feb 2020: ASX to provide update on potential regulatory relief or guidance for rights acquired after the record date.	ASX	7 Apr 2020
111	25 Feb 2020	(1) Payment provider and settlement participant members to provide feedback on the projection reports ASX proposes to de-scope. (2) ASX to consult with ESPPSC on its proposed de-scoping of projection reports	Members/ ASX	7 Apr 2020
112	25 Feb 2020	Further consultation and consideration on account changes related to account creation for migration purposes.	ASX	7 Apr 2020
113	25 Feb 2020	Members to provide feedback via MyStandards if they need Business Processing Date on outbound messages – i.e. is the change necessary?	Members	7 Apr 2020

No. Meeting	Date	Closed Action Items	Owner	Due Date
1	13 Dec 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 Dec 2016
2	13 Dec 2016	Provide members with information on how to access SWIFT MyStandards.	ASX	14 Mar 2017
3	13 Dec 2016	Provide members with an overview of ISO 20022 training options.	ASX/SWIFT	7 Feb 2017
4	7 Feb 2017	Provide members with list of current scope of messages for detailed mapping during first half 2017.	ASX	14 Mar 2017
5	7 Feb 2017	Schedule training webinar for the attendance by members and seek and review feedback after the initial webinar.	ASX / SWIFT	14 Mar 2017
6	7 Feb 2017	Add link to relevant ISO 20022 information websites to the CHES Replacement web page.	ASX	14 Mar 2017
7	7 Feb 2017	Provide more details on access to online education available at swift.com.	SWIFT	14 Mar 2017
8	7 Feb 2017	Provide members with the current list of Market Identification Codes (MICs)	ASX	14 Mar 2017
9	7 Feb 2017	Provide members with more information on the use of BIC vs. UIC as the party identification code.	ASX / SWIFT	14 Mar 2017
10	7 Feb 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 Jun 2017
11	7 Feb 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 Mar 2017
12	7 Feb 2017	Provide list of proposed code (i.e. condition or BOM) in ISO 20022 format (4 character) mapped against CHES codes.	ASX	14 Mar 2017
13	7 Feb 2017	Add a general CHES Replacement update to the standing agenda for meetings.	ASX	14 Mar 2017
14	7 Feb 2017	Check the next Technical Committee meeting date planned for March and advise members of any change.	ASX	14 Mar 2017
15	14 Mar 2017	Schedule future agenda item to discuss transition arrangements, including any changed values (e.g. party identifiers).	ASX	2 May 2017
16	14 Mar 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 Mar 2017	ASX to draft procedures for change requests to usage guidelines and code lists.	ASX	2 May 2017
21	2 May 2017	Provide a list of standard training topics to share. Noted this action item is combined with action item 20.	SWIFT	6 Jun 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 Jun 2017

No. Meeting Date	Closed Action Items	Owner	Due Date
24 2 May 2017	Resolve issue with Comments function on MyStandards and advise members when fixed.	ASX/SWIFT	6 Jun 2017
25 2 May 2017	Provide samples of the proposed consolidation and rationalisation scenarios for EIS 138 and EIS 134.	ASX	6 Jun 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 Jun 2017
27 6 Jun 2017	Publish list of comments received on MyStandards with ASX responses regularly, around the time of each meeting.	ASX	18 Jul 2017
28 6 Jun 2017	Re-publish ISO 20022 equivalent of EIS 138 with corrected default value INFO for issuer of financial instrument code.	ASX	18 Jul 2017
29 6 Jun 2017	Review EIS 102 mapped equivalent message with Scott Oakland, JPM – optional inclusion of HIN.	ASX	18 Jul 2017
33 6 Jun 2017	Provide a presentation of CHES EIS mapping to ISO 20022, and typical ISO 20022 flows to assist committee discussion of key topics (e.g. rationalisation, consolidation, descope of certain processes like allegement modify). ASX would also seek input from key members about the best process going forward.	ASX	18 Jul 2017
34 6 Jun 2017	Add the overview of transaction ids to the July meeting agenda.	ASX	18 Jul 2017
31 6 Jun 2017	Sample consolidated (EIS 138) and rationalised (EIS 138 and 134) messages published in the MyStandards community – in a separate collection “Sample Message Review”. Members to review and provide further comments via MyStandards, email.	Members	22 Aug 2017
32 6 Jun 2017	For Cancel/Correct & Modify, ASX recommendation revised to only do cancel/correct for bilateral modifications (and not allow modify – removal of EIS 121). ASX to contact users of EIS 121, and action remains open until all members confirmed their agreement with the recommendation.	ASX, Members	22 Aug 2017
30 6 Jun 2017	Obtain international usage comparisons on the use of UTC time format. Members to provide input from international offices where possible.	ASX, members	22 Aug 2017
35 18 Jul 2017	ASX to publish all final draft usage guidelines in MyStandards and highlight to members those usage guidelines that need their review. SWIFT to advise if a flag is available in MyStandards to indicate particular review items.	ASX, SWIFT	22 Aug 2017
36 18 Jul 2017	Provide members with details of feature in MyStandards to affirm a comment.	ASX, SWIFT	22 Aug 2017
17 14 Mar 2017	Provide further information on party identification for issuers – UIC or BIC and proposed process.	ASX	10 Oct 2017
37 18 Jul 2017	Provide comparisons to other market implementations of transaction ids.	ASX, SWIFT	22 Aug 2017

No.	Meeting Date	Closed Action Items	Owner	Due Date
38	22 Aug 2017	Review consistency of the application of UTC date, date and time, zulu format, and add item to upstream/downstream considerations log re the use of UTC for Trade Date confirmations from AMOs (with flow on impact to EIS 164 equivalent).	ASX	10 Oct 2017
40	22 Aug 2017	Provide list of CHES EIS messages in scope for detailed mapping during 2 nd half of 2017, including identification of descope messages.	ASX	10 Oct 2017
44	10 Oct 2017	ASX project team to consider effective housekeeping of rights that expire worthless – and whether this could be improved.	ASX	21 Nov 2017
45	10 Oct 2017	Review recommendations put to committee in Agenda item 6c) – approach to ISO best practice exceptions and provide feedback to ASX.	Members	21 Nov 2017
46	10 Oct 2017	Review recommendation put to committee in Agenda item 6d) – inclusion of unique event id in Market Infrastructure Tx id (MITI) field.	Members	21 Nov 2017
47	10 Oct 2017	Allow for future use of Party2+ identification in messages, and ensure discussion on same point at working group meetings re business requirement.	ASX	21 Nov 2017
19	2 May 2017	Provide sample of demonstration of comparison between ISO 20022 and ISO 15022 messages.	Scott Oakland, JPM	On hold
23	2 May 2017	Further review of the ASX CHES demand reporting summary and responses to questions contained in that summary. ASX to continue review of reports and provide further candidates for descope at meetings.	Members / ASX	21 Nov 2017
39	22 Aug 2017	Chair to contact members seeking feedback on the approach of the Technical Committee, any suggestions to improve the process.	ASX	21 Nov 2017
41	22 Aug 2017	Conduct bilateral discussions with share registries and mailing houses regarding structuring of registration details and associated static data.	ASX	21 Nov 2017
42	22 Aug 2017	Conduct bilateral discussions with share registries regarding current holding balance changes associated with corporate actions and proposed withdrawal of EIS 421.	ASX	21 Nov 2017
43	10 Oct 2017	Provide a proposed governance method for Technical Committee input to and review of all matters tabled at the Standards Evaluation Group (SEG), including any matters raised by ASX on behalf of community.	ASX	21 Nov 2017
48	21 Nov 2017	Members to review information provided in agenda item 6d) and respond to the question – was there appetite for using xml in model 1b or 2a as presented or keep the mapping 1 to 1.	Members	6 Feb 2018

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49	6 Feb 2018	ASX to confirm additional 'as-is' usage guidelines that could be published in Q2 and members to provide expression of interest in reviewing this set.	ASX	17 Apr 2018
50	22 May 2018	Digital Asset to review the NDA regarding the DAML SDK and respond to questions around one way vs. two way.	DA	26 Jun 2018
52	22 May 2018	ASX to give consideration to how it would advise users of any change to the external code lists and report back to members.	ASX	31 Jul 2018
54	26 Jun 2018	Members to review and advise ASX of any feedback on the recommendation that Transaction Date Time (<TxDtTm>) in the sett_101 message is UTC.	Members	31 Jul 2018
55	31 Jul 2018	A member asked where change requests for SR2019 would be visible. The Senior Manager confirmed ASX would send information on where to find the information. The information is also published on MyStandards.	ASX	4 Sep 2018
53	22 May 2018	Members to answer 4 questions if they are considering using a BIC as their party identification: whether they would use a new or existing BIC, whether the BIC was connected or non-connected, whether it was a BIC8 or BIC11, and if that BIC would apply to all activity for that organisation or actor, or for multiple activities. Examples would be helpful.	Members / ASX	9 Oct 2018
56	31 Jul 2018	Provide members with more information on the Corporate Actions STP Phase 2 project.	ASX	9 Oct 2018
57	31 Jul 2018	Members to review the consideration to provide a complete set of settlement obligations (net broker, gross broker - per slide #12 from 31 July presentation) and advise feedback to ASX.	Members	9 Oct 2018
59	31 Jul 2018	Share registries to share findings from study of registration details at the 4 September meeting.	Share registries	9 Oct 2018
61	4 Sep 2018	ASX to ensure coverage of possible scenarios for locking in the requirements, particularly those that are participant driven for certain reasons.	ASX	9 Oct 2018
63	4 Sep 2018	Members to review ASX's recommendations regarding changes to the sett_101 as presented in Agenda item 6d) and provide feedback by 18 September 2018.	Members	18 Sep 2018
51	22 May 2018	ASX to consider how impacted stakeholders could be engaged on the standards for registration details prior to the next meeting.	ASX	27 Nov 2018
58	31 Jul 2018	ASX to publish proposed to be messages for updates to accounts – reda_023, reda_020, reda_021 for member review.	ASX	27 Nov 2018
60	4 Sep 2018	ASX to prepare and publish a consolidated list of all actions and outcomes from Technical Committee meetings, and update after each meeting going forward.	ASX	27 Nov 2018

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64	9 Oct 2018	ASX to advise Members the confirmed date for Technical Documentation release in December, and the associated webinar details.	ASX	27 Nov 2018
66	9 Oct 2018	Members to consider any specific topics regarding settlement, holding locks for inclusion in the agenda of the upcoming Focus group and advise ASX.	Members	27 Nov 2018
67	9 Oct 2018	ASX to review level of consolidation for Unilateral and Bilateral settlement instructions usage guidelines.	ASX	27 Nov 2018
68	27 Nov 2018	ASX to provide timeframe for when session with AMOS will be held, and provide sufficient notice to AMOs regarding the agenda and opportunity for AMOs to provide input on that agenda.	ASX	8 Feb 2019
69	27 Nov 2018	Members to provide feedback on principles for adoption of ISO 20022 per agenda item 6b.	Members	8 Feb 2019
71	8 Feb 2019	ASX to review SLAs and the timing of responses to queries submitted to both the CHES Replacement and CSP Support mailboxes, including acknowledging questions where ASX may not currently have an answer.	ASX	26 Mar 2019
72	8 Feb 2019	ASX to consider an AMO's request to join ASX's CHES Replacement community in MyStandards.	ASX	26 Mar 2019
73	8 Feb 2019	ASX to setup a meeting with Registries to further discuss Transfers and Conversions, prior to the Focus Group meeting currently scheduled for 27 February 2019.	ASX	26 Mar 2019
65	9 Oct 2018	ASX to consider if information such as participant party identification and preferences would be available within the node (in addition to published) and confirm to members as part of migration activity.	ASX	7 May 2019
70	8 Feb 2019	Members to provide feedback on where they considered the principles for ISO 20022 adoption not being followed, and ASX to consider how it measures and tests its principles of ISO 20022 adoption from a cost/benefit perspective, and clearly articulate why the changes are proposed.	Members / ASX	7 May 2019
74	26 Mar 2019	ASX to note the comment around re-work on accounts and potential impact on members own circumstances and consideration of slippage. ASX to come back to the committee if any further discussion is required.	ASX	7 May 2019
75	26 Mar 2019	ASX to review and respond to committee members regarding the availability of the access fee information.	ASX	7 May 2019
76	26 Mar 2019	ASX to review the availability of access fee information beyond go live + 3 years, and requested members contact ASX directly on this matter.	Members / ASX	7 May 2019

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77	26 Mar 2019	ASX to consider information to be provided to members regarding storage, capture, access of data within CSP and pass through of data.	ASX	7 May 2019
78	26 Mar 2019	Members to provide feedback around account creation and update related messages and information, including what they would and would not find of use in messages from CSP.	Members	7 May 2019
79	7 May 2019	Members to provide feedback on the housekeeping of unmatched DvP and bilateral demand messages end of day (related to Action item 62 – item 1).	Members	28 May 2019
80	7 May 2019	ASX to consider feedback regarding transparency of changes to scope, and consider how it could better bring changes to the Committee’s attention.	ASX	28 May 2019
81	7 May 2019	Vendors to provide feedback to ASX if any changes in scope or time delays start to present challenges for their build.	Vendors	28 May 2019
82	7 May 2019	ASX to confirm the date when DAML SDK will be made available for Windows.	ASX	28 May 2019
83	7 May 2019	ASX to consider feedback received regarding the proposed model and messages for Transfer/Conversions and respond to members with final outcomes	ASX	28 May 2019
86	25 Jun 2019	Members who are or act for payment providers to ensure awareness of the changes to payment provider related messages. ASX to consider additional engagement activities with payment providers to ensure awareness.	ASX / Members	23 Jul 2019
87	25 Jun 2019	ASX to consider whether it could expand on the EIS messages contained within each of the business areas in the ISO 20022 Stream – Message Status table. ASX to also consider whether it can provide visibility on the draft messages under review with T2S Evaluation team, as relevant to CHES Replacement.	ASX	23 Jul 2019
84	28 May 2019	ASX will not provide backward compatibility, but will evaluate how to provide better transparency on substantive changes. 25 Jun 2019: Members to provide feedback on commonly used fields they believe are relevant and substantive for ASX to consider how it could provide better visibility on these standard field length and other characteristics. 23 Jul 2019: Additionally, ASX to provide clarity on the reason behind the unit quantity field change, and advise whether it would include decimal values.	ASX / Members	27 Aug 2019
85	28 May 2019	ASX to consider inclusion of investor identity (HIN) to allow a validation pre change of controlling participant transfer. 25 Jun 2019: Members to provide specific feedback regarding mismatches, including statistics on the frequency and where mismatches occur and pose a risk.	ASX / Members	27 Aug 2019

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88	23 Jul 2019	ASX to provide details of the draft T2S messages it intended to use.	ASX	27 Aug 2019
89	23 Jul 2019	ASX to consider how it can make the document it publishes capturing member feedback via MyStandards and ASX's responses more user-friendly, including to investigate whether it could be published or emailed as an excel file instead of a PDF.	ASX	27 Aug 2019
90	23 Jul 2019	ASX to confirm within the Reference point products that include takeover offer information.	ASX	27 Aug 2019
91	23 Jul 2019	ASX to provide an update on the status of work being progressed as Business-As-Usual regarding enforcement of turnaround times on the participant side for takeover acceptances.	ASX	27 Aug 2019
92	23 Jul 2019	ASX to consider whether a seev_036 base message could be used in place of pldg_303_semt_015 for confirmation of the bid finalisation trigger.	ASX	27 Aug 2019
93	23 Jul 2019	ASX to consider whether the field 'Accepted for Further Processing' in evnt_743_seev_043 should use AUTH for pending, or whether another code would be better suited.	ASX	27 Aug 2019
95	1 Oct 2019	ASX to include discussion on corporate action event ID and option codes that would be released as part of CDE4 in the Corporate Actions Focus Group in late October/early November.	ASX	1 Nov 2019
96	1 Oct 2019	ASX to advise members of the timeframe for discussion of reporting related messages and functionality and the forums in which that discussion would take place.	ASX	1 Nov 2019
94	27 Aug 2019	ASX to liaise with ATO to confirm whether ASX's field size for unit quantity will be acceptable for industry participant reporting. Members to advise ASX of any further external regulatory reporting requirements for consideration, specific to each asset class.	ASX/Members	26 Nov 2019
97	26 Nov 2019	Members to review their current and future use of reports and provide feedback on the relevance/applicability of ASX's proposed reporting solution, including proposed descoped reports.	Members	10 Dec 2019
98	26 Nov 2019	ASX to consider how reporting would initiate in the instance of a code change, including class mergers.	ASX	10 Dec 2019
99	26 Nov 2019	Members to provide feedback on ASX's recommendation to remove previous information (previous securities code, previous settlement amount and previous settlement date) from the sett_139 message (per presentation page # 37).	Members	10 Dec 2019

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62	4 Sep 2018	ASX to review <ol style="list-style-type: none"> 1. the intended timing for housekeeping of unmatched messages, any standardisation opportunities for timing. 2. whether settlement requests could be future dated. 3. ASX would also consider the visibility of holding locks to issuers on an intra-day basis. 	ASX	28 Jan 2020
100	10 Dec 2019	ASX to replay the feedback received from members on current and future use of reports and relevance/applicability of ASX's proposed reporting solution, including proposed descoped reports. ASX to also provide an update on how reporting would initiate in the instance of a code change, including class mergers.	ASX	28 Jan 2020
101	10 Dec 2019	ASX to consider whether it could take any steps to achieve a better outcome for issuers, in terms of more timely lodgement and payment of corporate action entitlement applications.	ASX	28 Jan 2020
102	10 Dec 2019	ASX to confirm the technical process order – whether the aggregate per participant payment notification via settl_138 gets processed/settled before the evtnt_742 corporate action election with payment ID.	ASX	28 Jan 2020
104	10 Dec 2019	Members to review ASX's proposed notification messages for corporate action entitlements and review whether appropriate, or use of statuses would be preferred.	Members	28 Jan 2020
106	10 Dec 2019	Registry members to consider whether they would prefer structured beneficial holder data (name and address of beneficiary) in the evtnt_742 message vs narrative format.	Members	28 Jan 2020
107	10 Dec 2019	Members to provide feedback on how many individual elections they would like to include in a single payment via settl_141 message, as well as any file sizes constraints for ASX to consider from a non-functional perspective.	Members	28 Jan 2020
108	10 Dec 2019	Members and ASX to consider whether the investor data being passed through in the acct_012 message is able to be used by the share registry for the desired purpose.	Members/ASX	28 Jan 2020
109	28 Jan 2020	ASX to consider making the CEB reports available on an unsolicited basis for share registries, and on an on-demand basis for participants.	ASX	25 Feb 2020