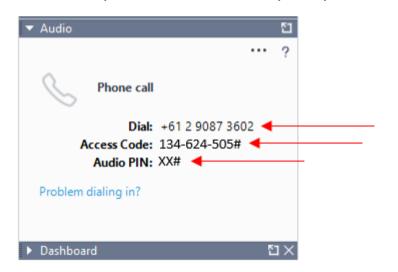




### Joining by webinar

Please note that ASX is now using the GoToWebinar platform for this meeting. Details provided by email. Once you have registered and clicked on the link to join the webinar you will need to join the audio by phone, not PC. Each attendee will have a unique PIN assigned, as shown below. Please follow any instructions to check your system, PC.



### Attendee Participation

#### Join audio:

- Choose Telephone and dial using the information provided
- You will need the unique 2 digit audio pin to ask questions.



### Important information – Competition Law Policy

Committee members are reminded to have regard to their obligations under competition law. In particular, please note recent changes to the Competition and Consumer Act to prohibit a corporation from engaging with one or more persons in a concerted practice that has the purpose, effect or likely effect of substantially lessening competition.



### Agenda

- 1. Agenda overview
- 2. Minutes from last meeting, open actions
- 3. CHESS Replacement project update by ASX
- 4. ISO 20022 project update by ASX
- 5. Update from Business Committee (verbal)
- 6. Matters for Consideration:
  - Re-cap on register of upstream / downstream matters
  - Re-cap on Technical Documentation release December 2018
  - Transfers / conversions Participant to Issuer
  - Review of to-be messages
  - Focus Group outcomes FIX for trade reporting
- 7. Closing and forward meeting plan



### 2. Minutes and actions

Minutes for 27 November 2018 meeting available on CHESS Replacement web page. Open action items:

#	Meeting Date	Open Action Items	Owner	Due Date	Status
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	On hold	On hold
62	4 Sep 2018	<ol> <li>ASX to review</li> <li>the intended timing for housekeeping of unmatched messages, any standardisation opportunities;</li> <li>whether settlement requests could be future dated;</li> <li>ASX would also consider the visibility of holding locks to issuers on an intra-day basis.</li> </ol>	ASX	Jan 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	Jan 2019	
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	Jan 2019	Complete
69	27 Nov 2018	Members to provide feedback on principles for adoption of ISO 20022 per agenda item 6b. (Copy on next slide)	Members	Jan 2019	

### Action item 69 6b Re-cap on principles of adoption



#### **ASX Principles of ISO 20022 Adoption**

- Adopt ISO standards where possible, with reference to the purpose of the message, business process
- Consolidate messages within the same business area (e.g. settlement, administration); rather than across business areas
- Consolidate messages where the business process is the same
- Consider users of consolidated messages impact if any changes
  - e.g. if change is of interest to only one user type
- Usage guidelines should define usage where possible, rather than relying on detailed separate documentation (added complexity, e.g. T2S model)
- Mindful of impact on the system behaviour, including development effort
  - e.g. rely on conditions within the UG/BAH (business service description) instead of only relying on interpreting the content of the message to determine the activity



### 3. CHESS Replacement Project update

#### Engagement plan 2019





7 I

### 4. ISO 20022 project update by ASX

#### To-be' mapping:

- > Topics completed:
  - Technical Documentation release in December 2018 37 finalised messages; 4 EIS messages confirmed as descoped
- > Topics in progress:
  - Transfers and conversions
  - Corporate actions
  - mFund
- 'To-be' mapping review by Technical Committee members:
  - Draft usage guidelines discussed at 27 November meeting were not published for Technical Committee review, instead part of December 2018 Technical Documentation release. No comments permitted via MyStandards. Any comments should be submitted via email to CSPSupport@asx.com.au.



### 4. ISO 20022 project update by ASX

- > SWIFT MyStandards changes
  - · Maintenance periods now changed from mid week to weekend Australian time
- > Global ISO 20022 engagement
  - ISO 20022 Securities Standards Evaluation Group (SEG)
  - T2S Evaluation Team (sub group of SEG)
  - BAH change request
  - Business Justification for new messages



### 5. Update from Business Committee



# 6. Matters for consideration



### 6a Re-cap on register of upstream / downstream matters

Matter	Date raised (Technical Committee date)	Action item #?	Status
Adoption of BIC as identifier for participants—mapping and development considerations to other systems, including broker ids on trade.	14 March 2017	Matters Arising 1/Action item 16	BIC vs UIC overviews provided in later meetings. ASX will assign at least a UIC for every actor (except holders) to manage upstream/ downstream mapping
			Closed
Consideration for backward translation issues. Is there a need to promote any change requests to ISO 15022 so participants can support both ISO 15022 and 20022 in their own operations and	14 March 2017	Matters Arising 2/Action item 16	If ASX promote and receive approval for any change requests to ISO 20022 base messages, Registration Authority will ensure same is considered for ISO 15022.
systems?			Closed
Documentation of procedure changes; including procedures for how to request change requests for example to usage guidelines, code lists.	14 March 2017	Matters Arising 4/Action item 18	ASX to note in operationalisation activities



### 6a Re-cap on register of upstream / downstream matters

Matter	Date raised (Technical Committee date)	Action item #?	Status
Adoption of 4 character codes to identify values (in place of CHESS 2, 3, 4 character codes)—mapping considerations to other systems.	7 February 2017		Noted. ASX will translate for CSP where necessary. For example re Trade reporting.
Outline post implementation change schedule— e.g. yearly standards reviews and impact on usage guidelines/technical changes; upgrades to latest versions of ISO 20022 messages			For future consideration
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).	22 August 2017	Matters Arising 1/Action item 38	ASX will translate for CSP where necessary. For attention of AMO focus group.









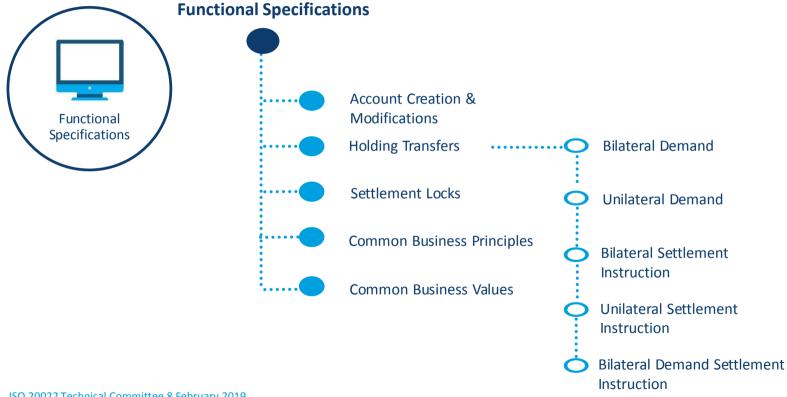
- Technical Documentation hosted on a Wiki- style Confluence site went live on Friday 14 December 2018.
- Included functionality available in CDE Drop 1, scheduled for April 2019.
- A six month rolling forward feature view of technical documentation was also provided.

- Wiki-style Confluence site replaces static PDFs.
- Dynamic environment enables search facilities and integrated links.
- Access via ASX Online & ASX CHESS Replacement homepage.
- Users register to access documentation.
- https://www.asx.com.au/services/chess -replacement-technicaldocumentation.htm

- Documentation continually enriched and enhanced.
- Release Notes provided.
- Changes between documentation releases on "What's New" section.
- Subsequent documentation releases communicated to registered users.
- Dedicated email address for queries: CSPSupport@asx.com.au



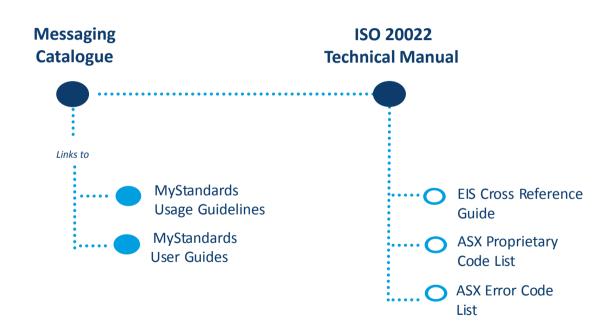
Scope for Documentation Release 1





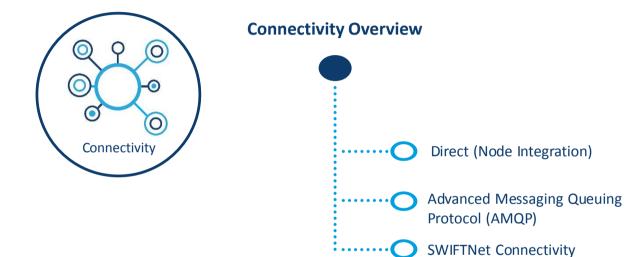
Scope for Documentation Release 1







Scope for Documentation Release 1





#### **SWIFT MyStandards changes**

#### **CHESS Replacement Communities:**

- ASX ISO 20022 Technical Committee for continued publication of draft usage guidelines with the Technical Committee
- New ASX CHESS Replacement Community for publication of ISO 20022 messages in line with releases
  of Technical Documentation





#### **ISO 20022 Technical Committee Message Review in 2019**

- TC members will be asked to review all the to-be UML flows for each process with Transaction Id
- TC members will be asked to provide feedback when:
  - The proposed ASX model is a significant change compared to 'as-is'
  - New business process or new messages are created
  - Messages have been consolidated
- In case of consolidation, the community will review only one set of the Business Process
  - For example: Transfer and Conversion Issuer Sponsored to CHESS or CHESS to Issuer Sponsored. The community will provide feedback for one process instead of four as the flow and elements are similar.
- ASX will consider the Technical Committee member feedback and validate with the associated working group
- <u>Draft</u> usage guidelines will be published in the ASX ISO 20022 Technical Committee Community in MyStandards these are not to be used for build



'To-be' Overview



#### Overview

- The holding movement from a Participant controlled account within the ASX Clearing and Settlement Platform (CSP) to an Issuer Sponsored account.
- There are 2 types of holding movements from Participant to Issuer:-
- ✓ **Conversion** A conversion moves the holding to the Issuer (Registry) while keeping it in the same name that currently resides on the account.
- ✓ **Transfer** A transfer moves the holding to the Issuer(Registry) but to a different account holder.



'To-be' Overview



#### **Changes to the Process**

- Account Registration Details will no longer be provided within the Conversion or Transfer messages.
- **Transfer** To align with Standardised Registration Details, the receiving account details must be provided prior to the Transfer Request via the following additional requests:
  - Holder Creation Request (acct 012)
  - Account Creation Request (acct\_001)
- **Conversion** The participant does not need to include the Holder and Account Creation Requests, as these are determined by the Delivering HIN provided in the request.
- **Transfer / Conversion** The Issuer (Registry) will receive multiple messages which will enable them to determine the Receiving Registration Details. These will include:
  - The Holder Details via Party Report message(s) for the receiving Accounts.
  - The Account Details via Account Report message.
  - The Confirmation message will provide a reference to map to the Holder and Account messages.



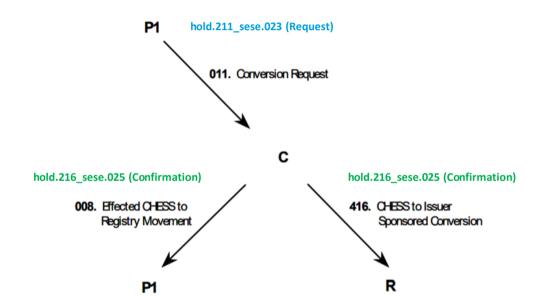
'To-be' Participant to Issuer Transfers and Conversion message Consolidation

Message Type	'As-is Message Id	'To-b'e Message Id	ASX Workflow Name ( to-be )	Transaction Condition
Request (Transfer / Conversion)	EISO11 - CHESS to Issuer Sponsored Conversion Request EISO07 - Demand CHESS to Issuer Sponsored Transfer Request	hold_211 - Transfer/Conversion Request	Participant to Issuer Transfer/Conversion	PCVI PTRI
Confirmation (Transfer / Conversion)	EISOO8 - Effected CHESS to Registry Movement EIS416 - CHESS to Issuer Sponsored Conversion EIS418 - CHESS to Issuer Sponsored Transfer	hold_216 - Transfer/Conversion Confirmation	Participant to Issuer Transfer/Conversion	PCVI PTRI
Request (Holder)	n/a	acct_012 - Holder Creation Request	Standardised Registration Details	n/a
Status Advise (Holder)	n/a	acct_013 - Holder Status advise	Standardised Registration Details	n/a
Report (Holder)	n/a	acct_016 - Holder Report	Standardised Registration Details	n/a
Request (Account)	EIS201 - New Registration Details	acct_001 - Account Creation Request	Standardised Registration Details	n/a
Confirmation (Account)	EIS202 - Accepted New Registration Details	acct_002 - Account Status Advice	Standardised Registration Details	n/a
Account Report (Account)	EIS220 - Authorised Registration Details EIS512- Holding Registration Details	hold_206 - Account Report	Standardised Registration Details	n/a



'To-be' Participant to Issuer Conversion message flow

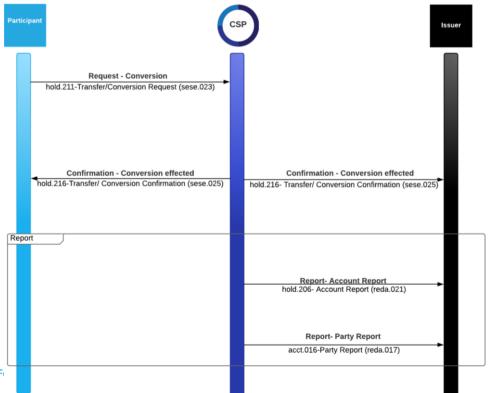
#### **Participant to Issuer Conversion Request and Confirmation**





'To-be' Participant to Issuer Conversion message flow

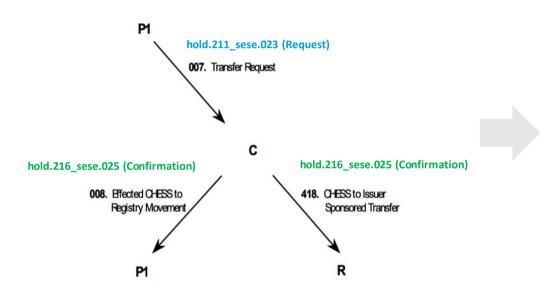
#### **Participant to Issuer Conversion Request and Confirmation**





'To-be' Participant to Issuer Transfer message flow

#### **Participant to Issuer Transfer Request**

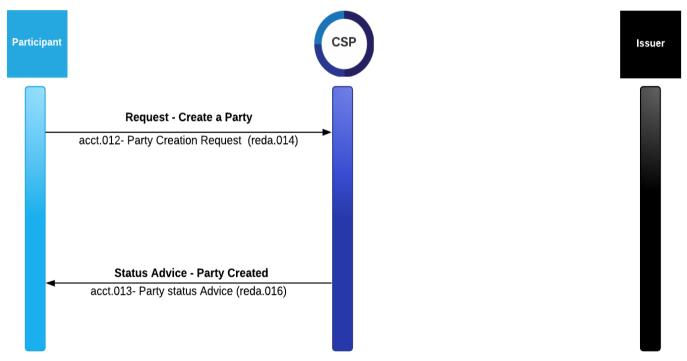


#### To-be' mapping in 3 steps

- Step 1: Holder Creation
- Step 2: Account Creation
- Step 3: Transfer Request

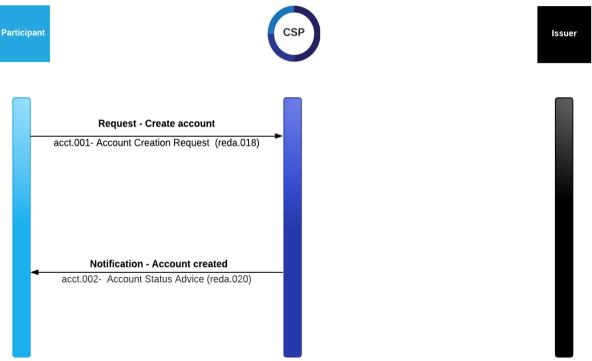


**Step 1: Holder Creation** 



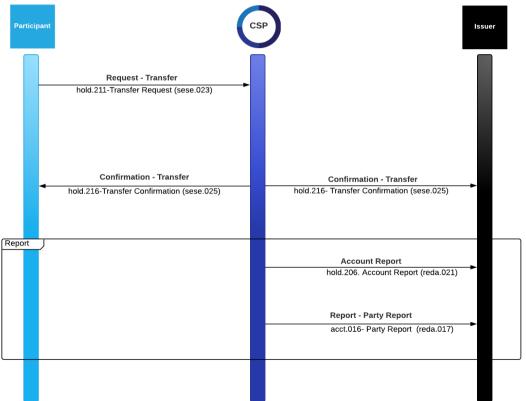


**Step 2: Account Creation** 

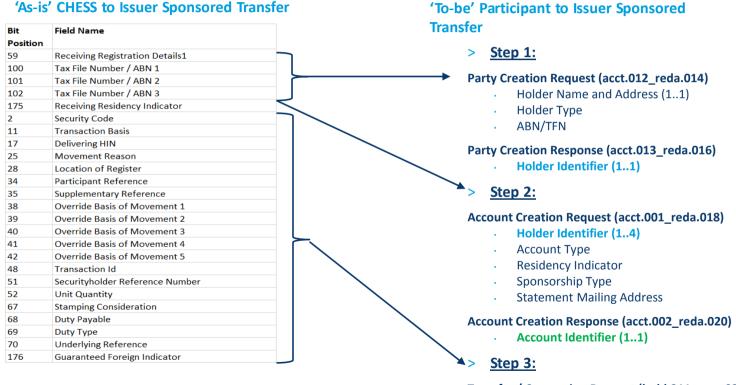




**Step 3: Transfer Request** 









#### Step 1: acct.012 Party Creation Request

Name	XML Tag	Mult	Type / Code	
Party Creation Request V01 (reda.014.001.01)	<ptycrereq></ptycrereq>			Step 1: Party Creation Request (acct.012 reda.014)
Party	<pty></pty>	[11]		Step 1. Fairly creation request (acct.o12_redu.o14)
Party Identification	<ptyid></ptyid>	[11]		
Identification	<ld>&lt;</ld>	[11]		
Identification	<id></id>	[11]	Choice	
Name And Address	<nmandadr></nmandadr>	[11]		
Name	<nm></nm>	[11]		
Address	<adr></adr>	[01]		
Address Type	<adrtp></adrtp>	[01]	text	
Residential Business			HOME BIZZ	Holder Name And Address
Address Line	<adrline></adrline>	[05]		
Post Code	<pstcd></pstcd>	[01]		
Town Name	<twnnm></twnnm>	[01]		
Country Sub Division	<ctrysubdvsn></ctrysubdvsn>	[01]		
Country	<ctry></ctry>	[11]		NEW Helder Transport Introduced to support greation of
·	,		[A-Z]{2,2}	NEW <b>Holder Types:</b> Introduced to support creation of
LEI	<lei></lei>	[01]	text	Holders to facilitate Transfers.
			[A-Z0-9]{18,18}[0-	Tibluers to lacilitate Hallsters.
			9]{2,2}	Company (COMP)
Contact Details	<ctctdtls></ctctdtls>	[0*]		Company (Colvin)
Email Address	<email∧dr></email∧dr>		text{1,2048}	Deceased Individual (DIND)
Type	<tp></tp>	[11]		/ Deceased marriadar (5.112)
Proprietary	<prtry></prtry>	[11]	text{1,35} COMP	· Individual (INDI)
Company Individual			INDI	
Trust			TRST	Other Non-Individual (OTHR)
Partnership			PRTN	<b>/</b>
SuperAnnuation Fund			SPFD	· Partnership (PRTN)
Deceased Individual			DIND	
Government Organisation			GOVN	<ul> <li>SuperAnnuation Fund (SPFD)</li> </ul>
Other Non-Individual			OTHR	T. at (TDCT)
Unknown			UNKN	· Trust (TRST)
Market Specific Attribute	<mktspefeattr></mktspefeattr>	[0*]		
Name	<nm></nm>	[1 1]	text{1,35}	
Australian Business Number			ABNN	New Australian Business Number / Tax File Number
Tax File Number			TFNN	New Australian Business Number / Tax File Number



#### acct.013 Party Status Advice

Name	XML Tag	Mult	Type / Code
Party Status Advice V01 (reda.016.001.01)	<ptystsadvc></ptystsadvc>		
Message Header	<msghdr></msghdr>	[01]	
Message Identification	<msgld></msgld>	[11]	text{1,35}
Creation Date Time	<credttm></credttm>	[01]	dateTime
Original Business Instruction	<orgnlbizinstr></orgnlbizinstr>	[01]	
Message Identification	<msgld></msgld>	[11]	text{1,35}
Creation Date Time	<credttm></credttm>	[01]	dateTime
Party Status	<ptysts></ptysts>	[11]	
Status	<sts></sts>	[11]	text
Completed			COMP
System Party Identification	<sysptyid></sysptyid>	[01]	
Identification	<id></id>	[11]	
Identification	<id></id>	[11]	Choice
Proprietary Identification	<prtryid></prtryid>	[11]	
Identification	<id></id>	[11]	text{1,35}
Issuer	<lssr></lssr>	[11]	text{1,35}
XASX			XASX

Step 1: Party Status Advice (acct.013\_reda.016)

NEW **Holder Identifier:** Newly created holders are temporary in nature and are **purged when transfer is completed**.



#### Step 2: acct.001 Account Creation Request

Name	XML Tag	Mult	Type / Code
Account Details	<acctdtls></acctdtls>	[11]	
Account Type	<accttp></accttp>	[11]	text{4}
Settlement Entrepot			SETT
Direct			DRCT
Sponsored			SPSD
Accumulation Entrepot			ACCU
Registration Identifier			RGID
Mailing Address	<mingadr></mingadr>	[11]	
Name	<nm></nm>	[11]	text{1,350}
Address	<adr></adr>	[01]	
Address Line	<adrline></adrline>	[05]	text{1,70}
Post Code	<pstcd></pstcd>	[01]	text{1,16}
Town Name	<twnnm></twnnm>	[01]	text{1,35}
Country Sub Division	<ctrysubdvsn></ctrysubdvsn>	[01]	text{1,35}
Country	<ctry></ctry>	[11]	text
			[A-7]{2,2}
Designation	<dsgnt></dsgnt>	[01]	text{1,80}
Residency Indicator	<resind></resind>	[11]	text
Domestic			DMST
Foreign			FRGN
Mixed			MIXD
Unknown			UNKN
Communication Method Code	<commtdcd></commtdcd>	[01]	text
Online			ONLI
Postal Service			POST
Holder Identifier	<hldrid></hldrid>	[14]	text{1,32}
Email Address	<emailadr></emailadr>	[01]	text{1,318}
Sponsorship Type	<spnsrtp></spnsrtp>	[01]	text
Single Holder			SNGL
Joint Holder			JOIT
Name And Address	<ivmandadr></ivmandadr>	[01]	
Name	<nm></nm>	[11]	text{1,350}



#### acct.002 Account Creation Response

Name	XML Tag	Mult	Type / Code
Securities Account Status Advice V01	<sctiesacctstsadvc></sctiesacctstsadvc>		
(DRAFT6reda.020.001.01)			
Message Identification	<msgld></msgld>	[11]	
Identification	<id></id>	[11]	text{1,35}
Creation Date Time	<credttm></credttm>	[01]	Choice
Date Time	<dttm></dttm>	[11]	dateTime
Original Message Identification	<orgnlmsgid></orgnlmsgid>	[11]	
Identification	<id></id>	[11]	text{1,35}
Creation Date Time	<credttm></credttm>	[01]	Choice
Date Time	<dttm></dttm>	[11]	dateTime
Securities Account Status	<sctiesacctsts></sctiesacctsts>	[11]	
Related Securities Account	<rltdsctiesacct></rltdsctiesacct>	[01]	
Identification	<id></id>	[11]	text{1,35}
Status	<sts></sts>	[11]	text
Completed			COMP
Supplementary Data	<splmtrydata></splmtrydata>	[0*]	
Place And Name	<plcandnm></plcandnm>	[01]	text{1,350}
Envelope	<envlp></envlp>	[11]	
Account Response Details	<acctrespdtls></acctrespdtls>	[11]	
Account name	<acctnm></acctnm>	[01]	text{1,350}
Default Account Indicator	<dfltacctind></dfltacctind>	[01]	boolean

Step 2: Account Creation Response (acct.002\_DRAFT6reda.020)

**NEW Account Identifier of Account Type "RGID":** 

- 1) Unique 15 char is assigned.
- 2) Is temporary in nature and is purged when transfer is completed.



#### Step 3: hold.211 Transfer/Conversion Request

Name	XML Tag	Mult	Type / Code
Securities Settlement Transaction Instruction V07	<sctiessttlmtxinstr></sctiessttlmtxinstr>		
(sese.023.001.07)			
Settlement Transaction Condition	<sttlmtxcond></sttlmtxcond>	[0*]	Choice
Proprietary	<prtry></prtry>	[11]	
Identification	<id></id>	[11]	text
			[a-zA-Z0-9]{4}
Participant Transfer to Issuer Sponsored			PTRI
Participant Conversion to Issuer Sponsored			PCVI
Issuer	<lssr></lssr>	[11]	text{1,35}
XASX	213312	[11]	XASX
AAJA		1	VMOV

Step 3: Transfer/Conversion Request (hold\_211\_sese\_023\_001\_07)

→ NEW **Settlement Transaction Condition:** To facilitate a single base message but identify a specific business event



#### hold.211 Transfer/Conversion Request

Name	XML Tag	Mult	Type / Code	
Securities Settlement Transaction Instruction V07	<sctiessttimtxinstr></sctiessttimtxinstr>			
(sese.023.001.07)  Quantity And Account Details	<qtyandacctdtls></qtyandacctdtls>	[11]		
Safekeeping Account	<sfkpgacct></sfkpgacct>	[11]		
Delivering Settlement Parties	<dlvrgsttlmpties></dlvrgsttlmpties>	[01]		
Depository	<dpstry></dpstry>	[01]		
Identification	<id></id>	[11]	Choice	Τ
Party 1	<pty1></pty1>	[01]		
Identification	<id></id>	[11]	Choice	
Safekeeping Account	<sfkpgacct></sfkpgacct>	[01]		
Receiving Settlement Parties	<rcvgsttlmpties></rcvgsttlmpties>	[01]		
Depository	<dpstry></dpstry>	[01]		
Identification	<id></id>	[11]	Choice	
Party 1	<pty1></pty1>	[01]		
Identification	<id></id>	[11]	Choice	
Safekeeping Account	<sfkpgacct></sfkpgacct>	[01]		
Supplementary Data	<splmtrydata></splmtrydata>	[0*]		
Place And Name	<plcandnm></plcandnm>	[01]	text{1,350}	
Envelope	<envlp></envlp>	[11]		
Additional Details	<addtldtls></addtldtls>	[11]		
Registration Reference	<regnref></regnref>	[01]	text{0,15}	

Step 3:- Transfer/Conversion Request (hold\_211\_sese\_023\_001\_07)

**Safekeeping Account (1..1):** Delivering Account Identifier Delivering HIN (BP17)

➤ Safekeeping Account (0..1): removed

→ Safekeeping Account (0..1): Receiving Account Identifier -Optional field will contain Securityholder Reference Number (SRN) when provided by participant.

NEW **Registration Reference:** Created in Step 2- Account

Creation

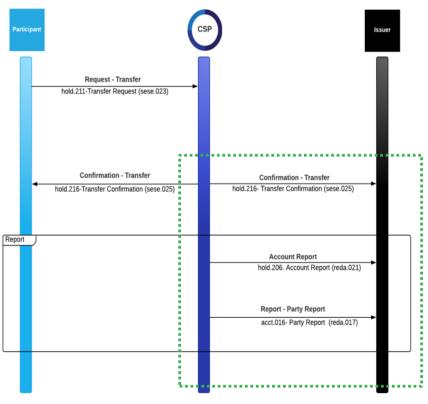
**Transfer:** Registration Identifier

#### Accounts and Registration Reference

Message	Element	Participant to Issuer Conversion	Participant to Issuer Transfer
	Delivering Account	HIN (11)	HIN (11)
hold_211- Transfer / Conversion Request	Receiving Account	SRN (01)	SRN (01)
	Registration Reference	-	Registration ld (11)
	Delivering Account		HIN (11)
hold_216— Transfer / Conversion Confirmation (Participant)	Receiving Account	-	-
	Registration Reference	-	Registration ld (11)
	Delivering Account	HIN (11)	HIN (11)
hold_216— Transfer / Conversion Confirmation (Issuer)	Receiving Account	SRN (01)	SRN (01)
	Registration Reference	HIN (11)	Registration ld (11)



#### **Issuer Information**



#### Party Report (acct.016)

- > Holder Identifier
- > Name and Address
- > Holder Status

#### **Account Registry (hold.206)**

- > Account Type
- > Registration Reference: HIN or Registration Id
- > Holder Identifier (1..4)
- > Statement Mailing Address: Name and Address

#### **Confirmation (hold.216)**

- Registration Reference: HIN (Conversion) or Registration Id (Transfer)
- > Delivering Account: HIN
- > Receiving Account: SRN



### 6d Review of 'to-be' messaging

#### **Transfers and Conversions**

As-is Message Id	Collection	To-be Message Id
EIS 007, EIS 011	draft_hold	hold_211
EIS 078, EIS 416, EIS 418	draft_hold	hold_216
EIS 220, EIS 512	draft_hold	hold_206
EIS 201	draft_acct	acct_001
EIS 202	draft_acct	acct_002
EIS 201	draft_acct	acct_012
EIS 202	draft_acct	acct_013
EIS 220, EIS 512	draft_acct	acct_016

ASX will publish the above draft messages post the March Technical Committee meeting, including Transfer and Conversion Issuer Sponsored to Participant.



### 6e Focus Group outcomes

#### FIX for trade reporting

- > AMO focus group on Trade Registration held 29 January 2019
- > Solution overview:
  - Fit for purpose message transports
  - FIX message format for trade registration and registration acknowledgements
  - Common validation of schema and content for all AMOs
  - Party Id and the use of TP PID, CP PID and MIC code
  - Settlement Date, Amount and Condition Codes optional
- > Feedback due 12 February 2019



### Closing



### 7. Closing and forward meeting plan

- > Noted actions from this meeting
- > Draft minutes from this meeting will be distributed for review
- > Next meeting to be held Tuesday 5 March 2019 Sydney, webinar; proposed topics:
  - Transfers and Conversions Issuer to Participant
  - Settlement batch settlement
  - Focus group outcomes Transfers and conversions
  - Transfers and conversions messages ready for 'to-be' review
- > Forward meeting schedule see next page
- > More information on CHESS Replacement & Technical Committee documents:

http://www.asx.com.au/services/chess-replacement.htm

Or email ASX project team: <a href="mailto:CHESSReplacement@asx.com.au">CHESSReplacement@asx.com.au</a>



### 7. Closing and forward meeting plan



- Re-cap on upstream/downstream matters
- · Re-cap on Technical Documents
- Transfers / Conversions Participant to Issuer
- · Focus Group outcomes

- Transfers / Conversions Issuer to Participant
- · Settlement batch
- · Focus Group outcomes





- · ISO 20022 mapping feedback
- tbc
- Focus Group outcomes



· Focus Group outcomes



- Tuesday 28 May 2019
- · ISO 20022 mapping feedback
- tbc
- · Focus Group outcomes

- · ISO 20022 mapping feedback
- tbc

tbc

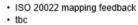
· Focus Group outcomes



· ISO 20022 mapping feedback



- · ISO 20022 mapping feedback
- tbc
- · Focus Group outcomes



· Focus Group outcomes





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## Thank you.

