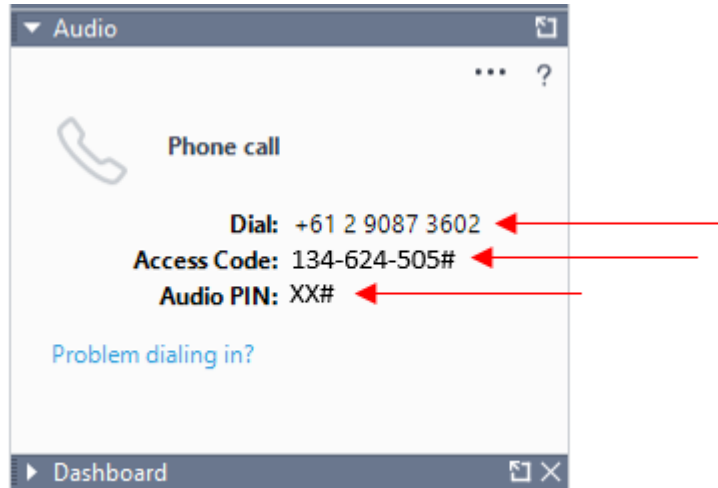# ISO 20022 Technical Committee Meeting

9 October 2018

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.

▼ Audio	⤢
	••• ?

📞 Phone call

Dial: +61 2 9087 3602 ◄——
Access Code: 134-624-505# ◄——
Audio PIN: XX# ◄——

Problem dialing in?

▶ Dashboard

Attendee Participation

Join audio:
- Choose Telephone and dial using the information provided

- You will need the unique 2 digit audio pin to ask questions.

ASX

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.

ASX

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:

    6a   MyStandards Community – 'to-be' usage guideline feedback

    6b   Party's own and Counterparty identification: UIC and BIC

    6c   Unilateral and Bilateral settlement instructions

    6d   Common messages

    6e   Review of 'to-be' messages ready to be published

Next meeting

ASX

Forward agenda overview

6 February 2018 (Sydney)

- ✓ Member survey feedback
- ✓ SWIFT standards update
- ✓ Securities and cash movements
- ✓ Simplify status messages
- ✓ ISO 20022 mapping feedback

17 April 2018 (Melbourne)

- ✓ Consultation Paper overview, plan ahead
- ✓ Review 'as-is' mapping - change profile
- ✓ Publication of 'as-is' collection
- ✓ Overview of key changes for the 'to-be' collection
- ✓ Case study – consolidated netting messages
- ✓ 'To-be' collections and message naming convention
- ✓ BAH elements

22 May 2018 (Sydney)

- ✓ ISO 20022 integration options
- • Review of Notified Broker to Broker Trade 'to-be' messaging
- • Registration details – 'to-be' format
- ✓ Transaction Id – allowable character set
- ✓ Business Application Header (BAH) – 'to-be' format
- ✓ Data Source Scheme with ASX External code lists
- ▪ Use of BIC as Party Identifier – adoption considerations
- ✓ Review of Netting 'to-be' messaging

26 June 2018 (Sydney)

- ✓ Review feedback on Netting 'to-be' messaging
- • Further review of Notified Broker to Broker Trade 'to-be' message
- • Registration details – further details
- • Creation of account (HIN)
- ✓ More information on sample xml considerations
- ✓ Review of 'to-be' messaging

31 July 2018 (Melbourne)

- ✓ Consultation Paper responses
- ✓ Review feedback on 'to-be' messaging
- ✓ Account Management Update - consolidation
- ✓ Overview of Technical Documentation
- ✓ Overview of SWIFT MyStandards Readiness Portal

4 September 2018 (Sydney)

- ✓ ASX Consultation response
- ✓ Security holding locks
- ✓ Unilateral and Bilateral demand transfer
- ✓ Usage guideline annotation standard
- ✓ Review feedback on EIS 164/sett_101 questions
- ✓ Review of 'to-be' messaging

9 October 2018 (Melbourne)

- • Review feedback on 'to-be' messaging
- • Unilateral and bilateral settlement instructions
- • Party's own and counterparty identification: BIC/UIC
- • Common messages

27 November 2018 (Sydney)

- • Topics dependent on ASX project plan; detailed 'to-be' mapping
- • Review feedback on 'to-be' messaging
- • Account management
- • Demand settlement instructions
- • Payment facility

2019

- • Topics dependent on ASX project plan; detailed 'to-be' mapping

2019

- • Topics dependent on ASX project plan; detailed 'to-be' mapping

ASX

2. Minutes and actions

Minutes for 4 September 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
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	9 October 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	9 October 2018	
56	31 July 2018	Provide members with more information on the Corporate Actions STP Phase 2 project.	ASX	9 October 2018	
57	31 July 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 October 2018	

2. Minutes and actions
Continued:

| #	Meeting Date	Open Action Items	Owner	Due Date	Status
58	31 July 2018	ASX to publish proposed to be messages for updates to accounts – reda_023, reda_020, reda_021 for member review.	ASX	9 October 2018	
59	31 July 2018	Share registries to share findings from study of registration details at the 4 September meeting.	Share registries	9 October 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	9 October 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 October 2018	
62	4 Sep 2018	ASX to review the intended timing for housekeeping of unmatched messages, any standardisation opportunities, whether settlement requests could be future dated. ASX would also consider the visibility of holding locks to issuers on an intra-day basis.	ASX	9 October 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 September 2018	

ASX

Action item 63 Review ASX recommendations re sett_101 (EIS 164)

Members were asked to review ASX's recommendations regarding the EIS 164 / ISO 20022 equivalent sett_101:

#	Question	ASX recommendation
1	Query impact of proposed removal of "SH" Trade Report code from ISO 20022 messages on either the sett_101 or Cash Market Transaction. The "SH" code is a current value available in the field CndnCd.	Remove SH code from sett_101 – as will be available in market operator trade feed. Amended recommendation: ASX won't be removing SH
2	ASX may propose to consolidate the fields Basis of Quotation (BsisOfQtn) and Override Basis of Movement (OvrrdBsisMvmnt), to a single field – Basis of Movement (BsisMvmnt), allowing up to 3 values. Seeking member feedback to determine if they foresee any issues with having one set of values for Basis of Movement on the sett_101?	• ASX recommends to merge both fields – to a single field "Basis of Movement" (BOM) • Trade feed will provide any override value and this will be represented in BOM in sett_101 • ASX will provide code list and translation table – trade (2 chara) to post trade (4 chara) and advice of any upcoming changes
3	Masking of Counterparty Information. ASX currently discloses counterparty information for particular security types – warrants and ETFs. Otherwise counterparty information is masked (fields CtptyTrdId, CptyClrMmb, CptyNonClrMmb). ASX is seeking member feedback to determine if there may be any adverse impact to participants' internal business events if ASX removes this exception and masking is applied to all security types.	Leave as is for now. Trade data remains untouched. [question asked because ASX considered potential benefits of a consistent approach to masking - easier build, implementation]

ASX

3. CHESS Replacement Project update
Engagement plan 2018+
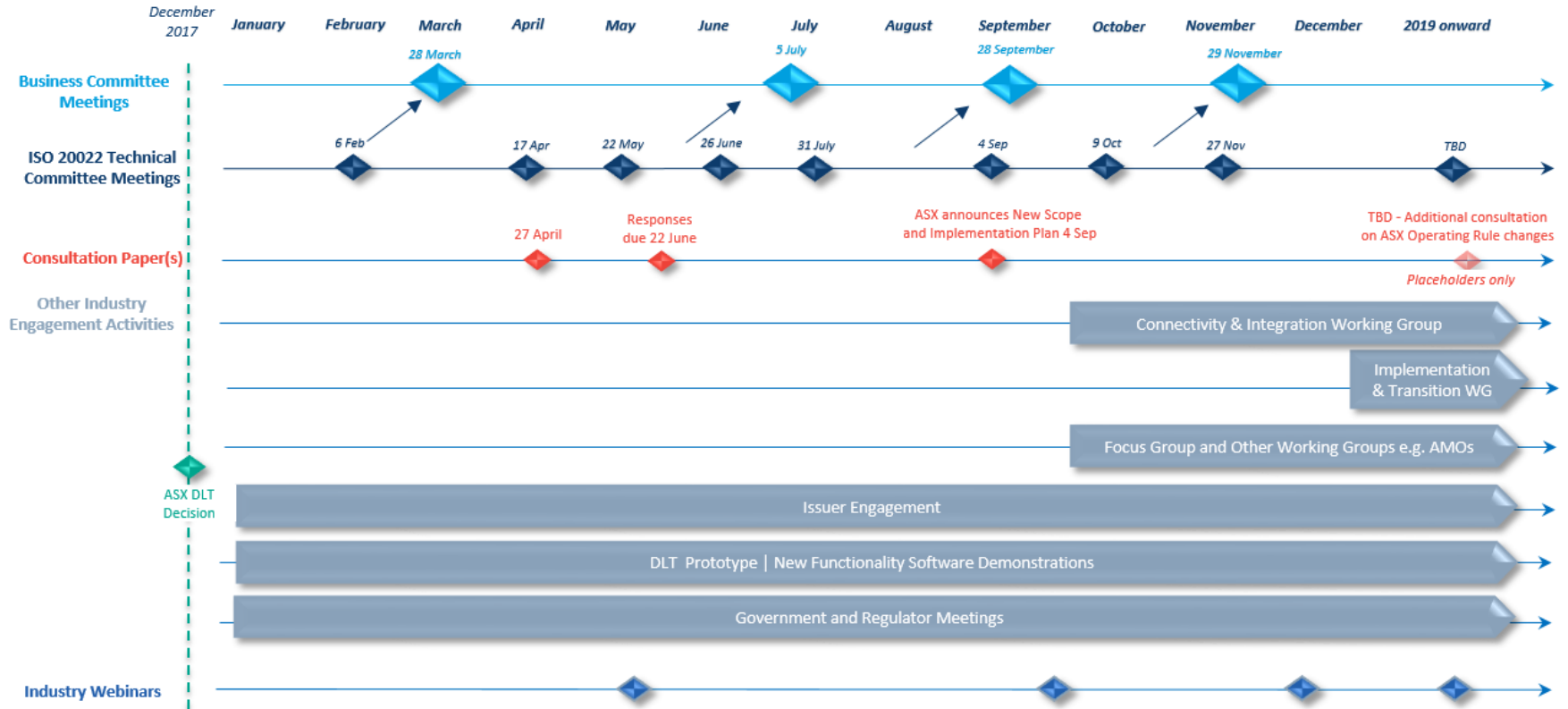
4. ISO 20022 project update by ASX

To-be' mapping:

> Topics complete or in progress:
  - Unilateral scheduled, Bilateral scheduled (review at this meeting)
  - Payment facilities – create and update (review at next meeting)
  - Review party identification model (BIC vs. UIC) (review at this meeting)
  - Continue work on registration details
  - Technical documentation refinement

> Global ISO 20022 engagement
  - ISO 20022 Securities Standards Evaluation Group (SEG)
  - T2S Evaluation Team (sub group of SEG)
  - Update on BAH change request
  - Business Justification

> Readiness Portal set up ready for December

ASX

5. Update from Business Committee

ASX

6. Matters for consideration

6a MyStandards community – usage guideline feedback
Updated guidelines, with 10 guidelines for review

Technical Committee since Sep 18:

* Unilateral and Bilateral Demand Transfer
* Lock
* Settlements
* Comments on 10 of 10 guidelines by 4 members (1 Vendor, 3 Participants)
* Comments on Demand Unilateral and Bilateral Transfer, Securities Holding and Settlement
* 40 comments, 4 are 'no issues'

Themes:

✓ Change Transaction Id in the cancellation messages.

   - ASX will update the Transaction Id according to TC suggestion. Thank you!

✓ Make Supplementary Reference mandatory (to avoid Secondary Matching Flag).

   - ASX recommendation not to enforce mandatory matching at the Supplementary Reference level. It will be within the Participants control to mandate or not mandate.

✓ Opportunity to override the default CUM/EX indicator.

   - Yes, Override Basis of Movement value can be optionally provided in business message element Trade Transaction Condition <TradTxCond>

Message Id	
hold_201	hold_205
hold_202	hold_209
hold_207	sett_104
hold_208	sett_102
hold_210	sett_101

ASX

Hold_209 (Cancellation Request) and hold_210 (Cancellation status advice)
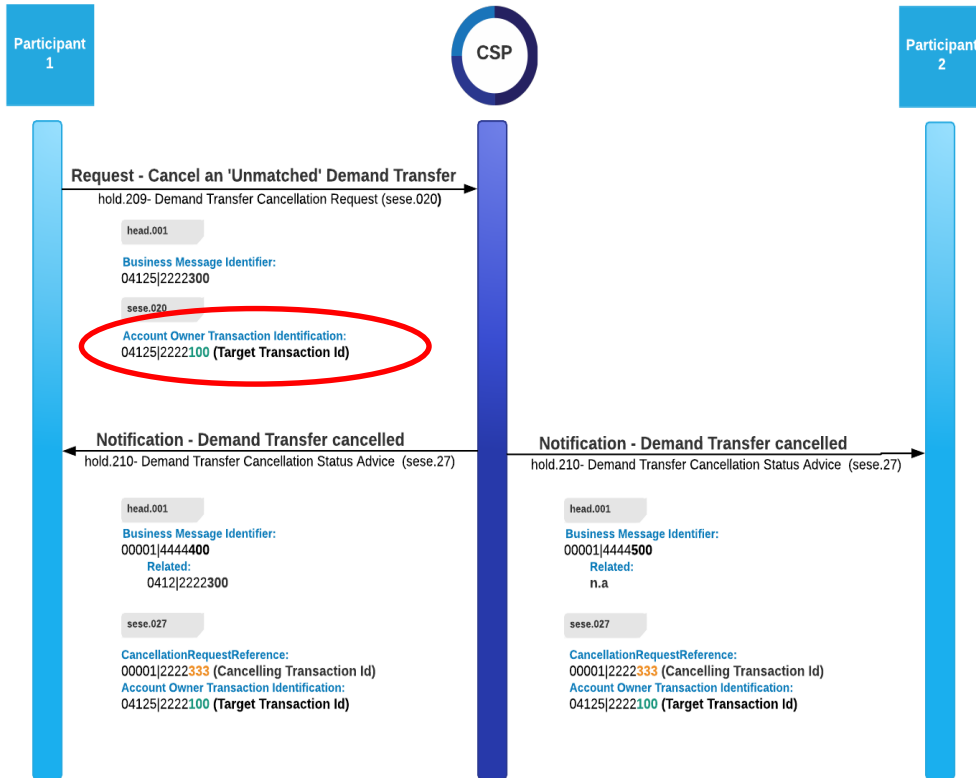
Hold_209 & hold_210:

- Target Transaction id previously mapped to Account Service Transaction Id – this field is now removed.
- Target Transaction id is now mapped to Account Owner Transaction Id.

Hold_210:

- Member suggestion to change base message mapping in circumstance of housekeeping. ASX will keep base message as is.
- Cancelling Transaction Id is mapped to a Cancellation Request Reference and will be generated by ASX.
- Status: Processing Status> Cancelled

    Reason*:

    Participant Request: Participant Request (CANI)

    Housekeeping: ASX Initiated Housekeeping (HOUS)

    *ASX Proprietary Code List

6b Party's own and Counterparty identification: UIC and BIC

'To-be' Overview

Problem Statement:
- Participants requested the ability for CHESS Replacement to be enabled to support SWIFT BICs as party identifiers
- Currently UICs are used to identify both own party and counterparty on bilateral messages
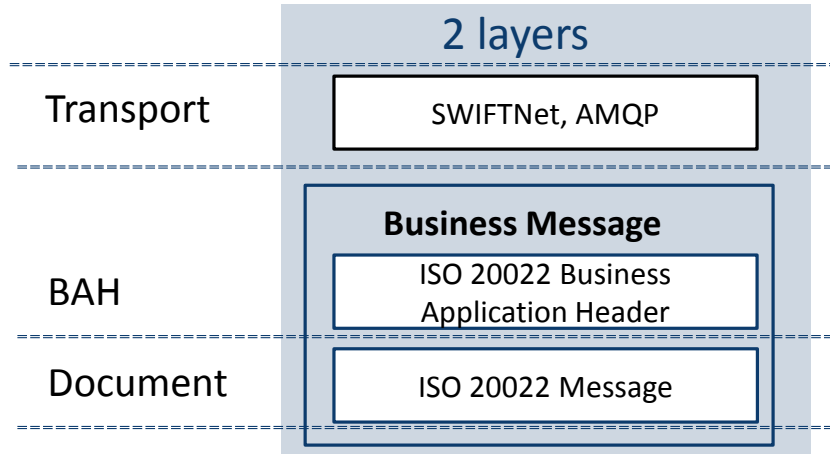- Some participants have BICs already whilst others do not

Solution:
- ASX is not proposing all participants need to acquire BICs
- ASX are proposing to record against each participant:
  - ✓ UIC
  - ✓ BIC (where available)
  - ✓ Preference (BICs or UICs)
- Participants with a preference for UICs will continue to receive UICs on all messages from ASX
- Participant with a preference of BIC will receive a BIC where available, else they will receive a UIC
- ASX will maintain and publish a directory of UICs and BICs for all Participants
- BICs must be unique in the system and participants with multiple UICs but a single BIC will be required to consolidate under one UIC to utilise BIC functionality

ASX

6b UIC and BIC
Transport

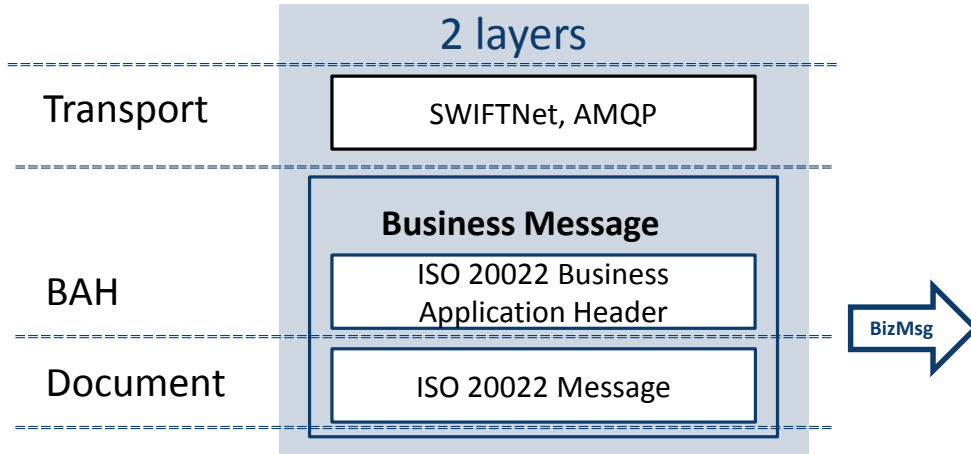| 2 layers	
Transport	SWIFTNet, AMQP
	Business Message
BAH	ISO 20022 Business Application Header
Document	ISO 20022 Message

Transport

SWIFTNet: Party Identifier must be a connected BIC

Others channel: either BIC or UIC formats are supported

ASX

6b UIC and BIC
ISO 20022 Business Message (BAH and Document)

2 layers

| Transport | SWIFTNet, AMQP |

Business Message

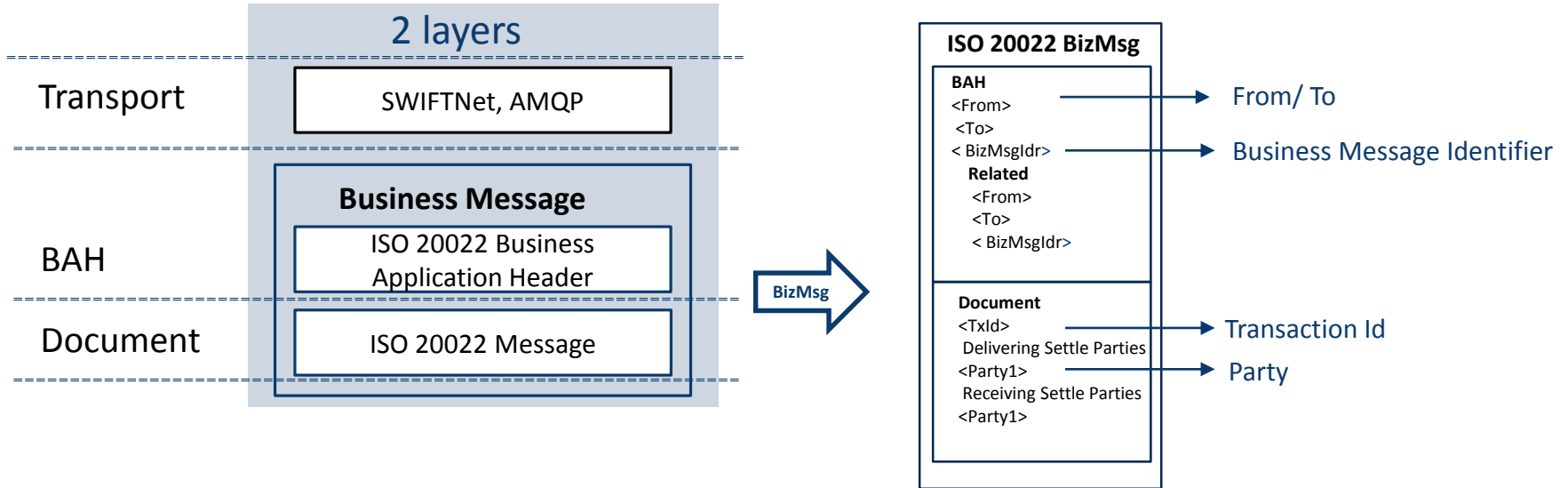| BAH | ISO 20022 Business Application Header |
| Document | ISO 20022 Message |

BizMsg →

Business Message (BAH and Document)

Participant Identification in **Business Message** will be represented with UIC and BIC.

- **Participant Identification Directory:** ASX will maintain and publish a directory of UICs and BICs for all relevant parties.

  - ✓ Each Participant will be represented by at least with UIC or both UIC and BIC.

  - ✓ This directory will be used to identify the Counterparty.

- **Inbound Message (Participant to ASX):** Participant Identification will not be validated against preference. ASX will accept any format (UIC or BIC).

- **Outbound Message (ASX to Participant):** Participant Identification will be generated based on preference.

ASX

6b UIC and BIC

ISO 20022 Business Message (BAH and Document)

2 layers

Transport	SWIFTNet, AMQP

Business Message

BAH	ISO 20022 Business Application Header
Document	ISO 20022 Message

BizMsg

ISO 20022 BizMsg

BAH
<From>
 <To>
< BizMsgIdr>
 Related
 <From>
 <To>
 < BizMsgIdr>

Document
<TxId>
 Delivering Settle Parties
<Party1>
 Receiving Settle Parties
<Party1>

→ From/ To

→ Business Message Identifier

→ Transaction Id

→ Party

ASX

6b UIC and BIC

ISO 20022 Business Message (BAH and Document)

ISO 20022 mapping

There are several elements in the ISO 20022 Business Message that contain a Party Identification which is always a choice format between SWIFT Identifier (BIC) and Proprietary Identification (UIC).

Participant Id	ISO 20022 mapping
BIC	AnyBIC <AnyBIC>
UIC	Proprietary Identification <PrtryId>

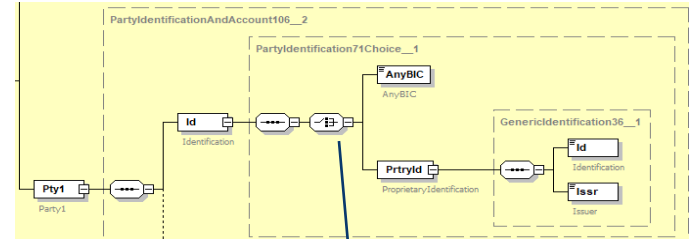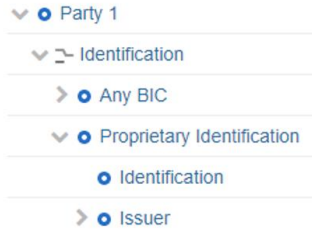**BIC format:** 4an 2a 2an [3an]   **UIC format:** 5n

4 an= Business party prefix

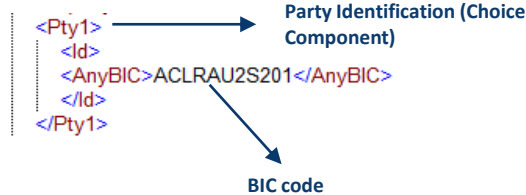2a= Country Code (ISO3166-1)

2an= Business party suffix

[3an]= Branch Identifier

an= alpha-numeric/ a= alphabetic

Choice Component

XML sample BIC

```
<Pty1>
    <Id>
        <AnyBIC>ACLRAU2S201</AnyBIC>
    </Id>
</Pty1>
```

Party Identification (Choice Component)

BIC code

XML sample UIC

```
<Pty1>
    <Id>
        <PrtryId>
            <Id>01442</Id>
            <Issr>XASX</Issr>
        </PrtryId>
    </Id>
</Pty1>
```

Party Identification (Choice Component)
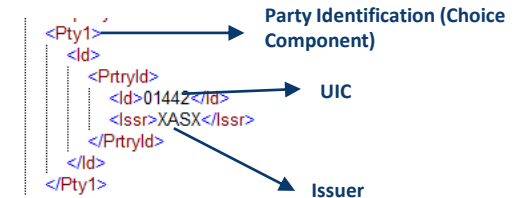
UIC

Issuer

When the choice is using a Proprietary Identification instead of the ISO 20022 code sets, there is an associated mandatory element to identify the "issuer" of the code (e.g. ASX). The code to identify the issuer must be 4 characters and for ASX as an issuer will be always **XASX**.

ISO 20022 Technical Committee 9 October 2018

ASX

6b UIC and BIC

ISO 20022 Business Message (BAH and Document) - Inbound

Inbound Business Message (Participant to ASX):

✓ **Participant Identification (Sender):**

- Always a choice between UIC and BIC (will not be validated against preference)

- Must have the same reference inside the Business Message (BAH + Document)

> BAH value **From <from>** should match the Participant Identification from **Business Message Identifier, Transaction Id** (first) and **Settlement Parties <Party1>.**

Business Message Identifier (BAH) and Transaction Id Format

Adoption of ISO 20022 data type of {1,35} using delimiter (I- vertical line)

<Participant Id>|<User Defined Id>　　　UIC: **01402**|123456

　　　　　　　　　　　　　　　　　　　　　BIC: **CTBAAU2S**|AABBCC1234

✓ **Counterparty Identification (Participant 2 or ASX):**

- Always a choice between UIC and BIC (will not be validated against preference)
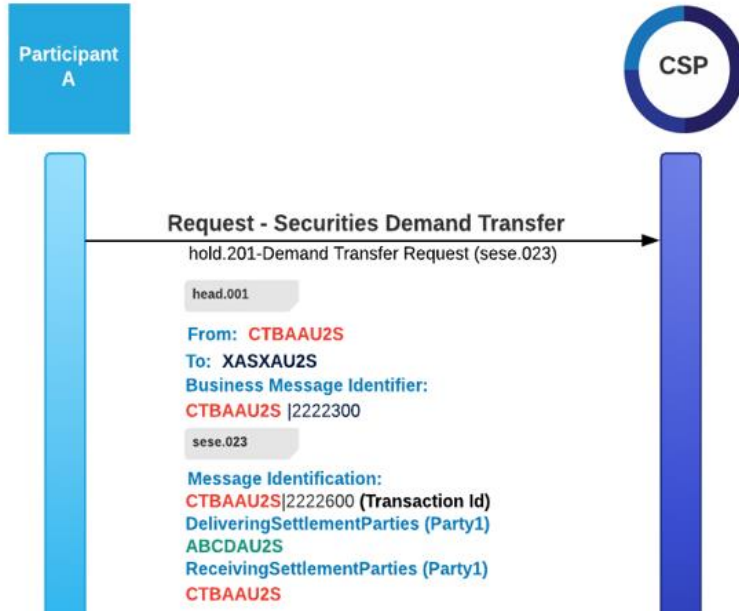

ISO 20022 BizMsg

BAH
<From>
 <To>
< BizMsgIdr>
 Related
 <From>
 <To>
 < BizMsgIdr>

Document
<TxId>
 Delivering Settle Parties
<Party1>
 Receiving Settle Parties
<Party1>

ASX

6b UIC and BIC

ISO 20022 Business Message (BAH and Document) - Inbound

Example

Participant Id	A	B
UIC	12345	05555
BIC	CTBAAU2S	ABCDAU2S
Preference	BIC	UIC

Inbound Message: Participant A, Participant B (Counterparty) and ASX could be represented either with BIC or UIC as the preference will not be validated.

BAH value **From** <CTBAAU2S> should match the Participant Identification from **Business Message Identifier** <CTBAAU2S|2222300>, **Transaction Id** <CTBAAU2S|2222600>, and **Settlement** <CTBAAU2S>.

ASX

ISO 20022 Business Message (BAH and Document) - Outbound

Outbound Business Message (Participant to ASX):

- ✓ **Participant Identification:**
- • Always a choice between UIC and BIC **(generated based on Participant preference)**
- ✓ **Counterparty Identification**
- • Always a choice between UIC and BIC **(generated based on preference when possible)**

Participant Preference (Example 1)

Participant	A	B
UIC	yes	yes
BIC	yes	no
Preference	BIC	UIC

Participant Preference (Example 2)

Participant	A	B
UIC	yes	yes
BIC	yes	yes
Preference	BIC	UIC

Outbound Message

Participant	A	B
From	BIC (ASX)	UIC (ASX)
To	BIC (Party A)	UIC (Party B)
Party	BIC	UIC
Counterparty	UIC	UIC

Outbound Message

Participant	A	B
From	BIC (ASX)	UIC (ASX)
To	BIC (Party A)	UIC (Party B)
Party	BIC	UIC
Counterparty	BIC	UIC

ISO 20022 BizMsg

BAH
<From>
<To>
< BizMsgIdr>
  Related
  <From>
  <To>
  < BizMsgIdr>

Document
<TxId>
  Delivering Settle Parties
<Party1>
  Receiving Settle Parties
<Party1>

ASX will send the message according to Participant Preference

ASX

6c Unilateral & Bilateral Settlement Instructions
'To-be' Overview

New Business Requirements:
- Linking Bilateral Settlements (incoming EIS 101 to outgoing EIS 101) to ensure delivery of the correct units during settlement.
- Enhanced bilateral transaction matching to allow participants to override the ASX prescribed tolerance levels.
- Improve client protection by allowing participants to reserve units in their Direct and Sponsored HINs for the fulfilment of a specific scheduled settlement instruction. Referred to as 'Settlement locks.'

Other changes
- EIS 105 and EIS 107 have been combined into a single message and workflow (sett_105 / USSI).

6c Unilateral & Bilateral Settlement Instructions
Messaging Enhancements

Field	Status	Description
Trust Amount	Conditional Field	Trust amount is now a conditional field based on the Participant Type (Broker/NonBroker) and Delivering/Receiving HIN.
Settlement Link Id	New Field	Links instructions for the same HIN, Date, Security and Basis of Movement
Override Tolerance	New Field	Allows a participant to provide a matching tolerance higher than the ASX provided tolerance.
Identification	New Field	Allows a participant to request to lock securities either upon request for Unilateral and Bilateral Settlement Instructions or after matched for Bilateral Settlement Instructions

6c Unilateral & Bilateral Settlement Instruction

'To-be' Settlement Instruction Consolidation

Message Type	CHESS Message Id	'To-be' Message Id	ASX Workflow Name ('to-be')	Transaction Condition
Request	**EIS105 -** Single Entry Settlement CHESS to CHESS Transfer Request **EIS107 -** Scheduled Settlement CHESS to CHESS Transfer Request **EIS101 -** Dual Entry Settlement Notification	**sett_105-** Settlement Instruction Request	Unilateral Settlement Instruction Bilateral Settlement Instruction	USSI BSSI
Confirmation "status"	**EIS 106-** Scheduled Transfer **EIS 166-** Scheduled Dual Entry Settlement Instruction	**sett_106-** Settlement Instruction Response	Unilateral Settlement Instruction Bilateral Settlement Instruction	USSI BSSI
Unmatched Request	**EIS 194-** Unmatched Request	**sett_109-** Settlement Instruction Status Advice	Bilateral Settlement Instruction	BSSI
Allegement	**EIS 102-** Unmatched Dual Entry Settlement Notification	**sett_110-** Bilateral Settlement Instruction Allegement Notification	Bilateral Settlement Instruction	BSSI

ASX

6c Unilateral & Bilateral Settlement Instruction
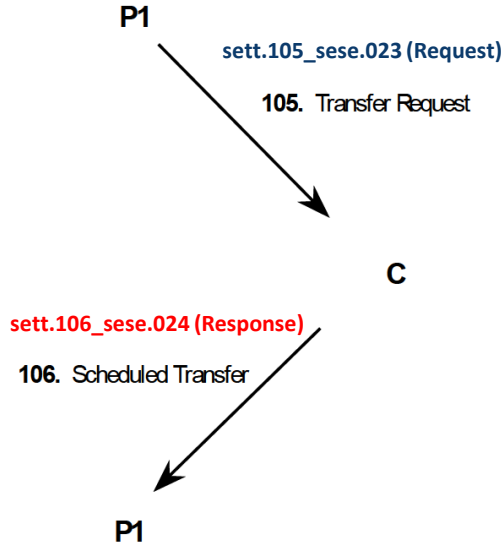
'To-be' Settlement Instruction Consolidation

Message Type	'As-is' Message Id	'To-be' Message Id	ASX Workflow Name ('to-be')	Transaction Condition
Cancel Request	**EIS119-** Transfer CancellationRequest **EIS 129-** Dual Entry SettlementCancellation Request **EIS135-** Dual Entry Settlement Notification Cancellation	**sett_107**- Settlement Instruction Cancellation Request	Unilateral Settlement Instruction Bilateral Settlement Instruction	USSI BSSI
Cancel Response	**EIS116-**Cancelled Settlement Instruction	**sett_108-** Settlement Instruction Cancellation Confirmation	Unilateral Settlement Instruction Bilateral Settlement Instruction	USSI BSSI
Cancel Status Advice	**EIS 178-**Unmatched Cancellation Request	**sett_118**- Settlement Instruction Cancellation Status Advice	Bilateral Settlement Instruction	BSSI
Cancellation Withdrawal Request	**EIS131-** Dual Entry Settlement Instruction Cancellation Removal	**sett_111-** Bilateral Settlement Instruction Cancellation Withdrawal Request	Bilateral Settlement Instruction	BSSI
Cancellation Withdrawal Response	**EIS132-** Removed Cancellation Request	**sett_112-** Bilateral Settlement Instruction Cancellation Withdrawal Response	Bilateral Settlement Instruction	BSSI
Update Request	**EIS 125-** Maintain Settlement Instruction Request	**sett_113-** Maintain Settlement Instruction Request		
Update Response	**EIS 126-** Updated Settlement Instruction	**sett_114-** Updated Settlement Instruction Status Advice		

Unilateral Settlement Instruction

Unilateral Settlement Instruction (USSI)
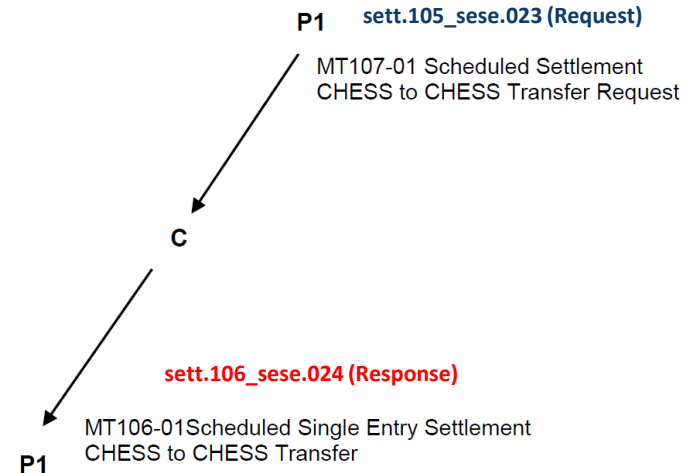
P1

sett.105_sese.023 (Request)

105. Transfer Request

C

sett.106_sese.024 (Response)

106. Scheduled Transfer

P1

Unilateral Settlement Instruction (USSI)

P1   sett.105_sese.023 (Request)

MT107-01 Scheduled Settlement
CHESS to CHESS Transfer Request

C

sett.106_sese.024 (Response)

MT106-01Scheduled Single Entry Settlement
CHESS to CHESS Transfer

P1

ASX
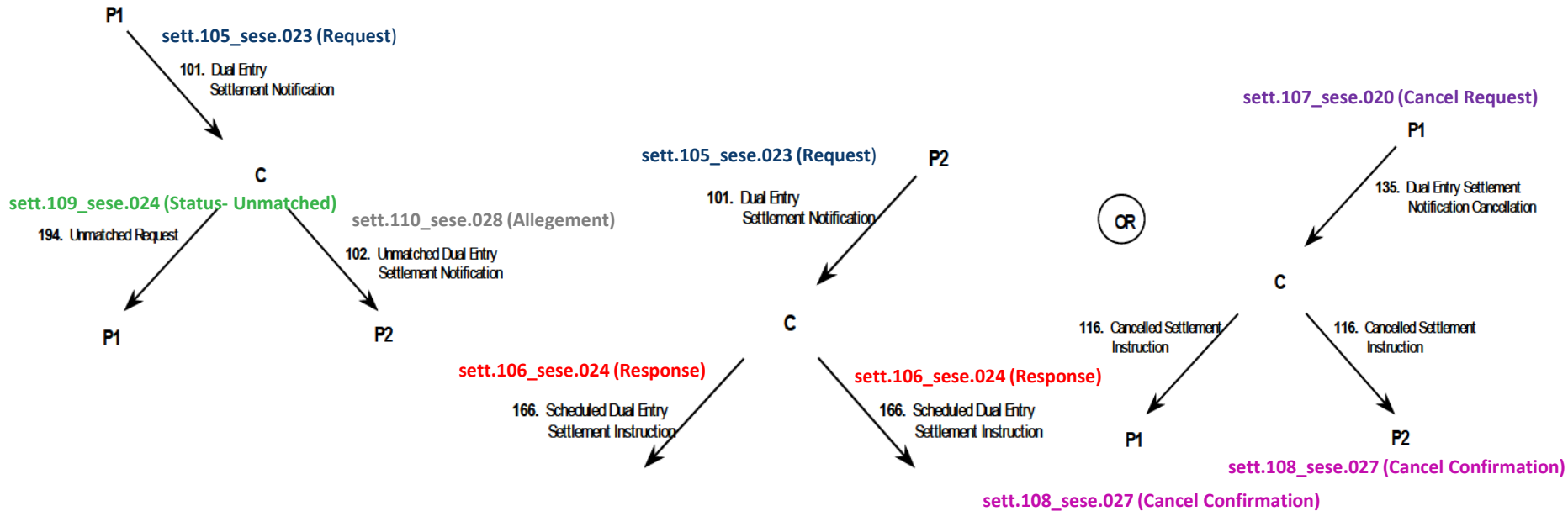
Bilateral Settlement Instruction Request

Bilateral Settlement Instruction (BSSI)

Bilateral Settlement Instruction Cancellation Request

Bilateral Settlement Instruction Cancellation Request

'to-be' Settlement Instruction- Transaction Id

Settlement Instruction Transaction Id

'To-be' Transaction Id	ISO Mapping	Bit Position
Transaction Id (Party Id)	Account Owner Transaction Identification	BP48- Transaction Id or BP62- Origin Transaction Id
Counterparty Transaction Id	Account Servicer Transaction Identification	BP48- Transaction Id or BP62- Origin Transaction Id
Obligation Id (ASX System generated)	Market Infrastructure Transaction Identification	BP90- Matching Transaction Id
Target Transaction Id	Account Owner Transaction Identification	BP49- Target Transaction Id
Cancelling Transaction Id (ASX generated)	Cancellation Request Reference	BP89- Cancelling Transaction Id

ASX

6c Unilateral & Bilateral Settlement Instruction

'to-be' Unilateral Settlement Instruction- Transaction Id

The Transaction Id uml flow for each scenario will be published in My Standard with the messages

MyStandards 'to-be' documentation
Community: ASX CHESS Replacement
Collection: ASX_AU_CHS_**draft_sett**

ASX

Name	XML Tag	Mult	Type / Code
Securities Settlement Transaction Instruction V07 (sese.023.001.07)	<SctiesSttlmTxInstr>		
Transaction Identification	<TxId>	[1..1]	text{1,35}
Settlement Type And Additional Parameters	<SttlmTpAndAddtlParams>	[1..1]	
Securities Movement Type	<SctiesMvmntTp>	[1..1]	text
Delivery			DELI
Receive			RECE
Payment	<Pmt>	[1..1]	text
Separate Settlement			FREE
Against Payment Settlement			APMT
Common Identification	<CmonId>	[0..1]	text{1,35}
Linkages	<Lnkgs>	[0..*]	
Reference	<Ref>	[1..1]	Choice
Securities Settlement Transaction Identification	<SctiesSttlmTxId>	[1..1]	text{1,35}
Trade Details	<TradDtls>	[1..1]	
Trade Identification	<TradId>	[0..*]	text{1,35}
Settlement Parameters	<SttlmParams>	[1..1]	
Settlement Transaction Condition	<SttlmTxCond>	[0..*]	Choice
Proprietary	<Prtry>	[1..1]	
Identification	<Id>	[1..1]	text {a-zA-Z0-9}{4}
Bilateral Settlement Instruction			BSSI
Unilateral Settlement Instruction			USSI

Securities Movement Type: Concept introduced earlier this year : Delivery Or Receive
Unilateral: Settlement Instruction: DELI
Bilateral: Settlement Instruction: DELI or RECE

Payment type: Concept introduced earlier this year: FREE or APMT
Unilateral: Settlement Instruction: FREE
Bilateral: Settlement Instruction: FREE' if Settlement Amount is not provided, otherwise value is 'APMT'

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

Same base message used for different transaction type

ASX

6c Unilateral and Bilateral Settlement Instruction

sett_105 Settlement Instruction Request

Name	XML Tag	Mult	Type / Code
Securities Settlement Transaction Instruction V07 (sese.023.001.07)	<SctiesSttlmTxInstr>		
Transaction Identification	<TxId>	[1..1]	text{1,35}
Settlement Type And Additional Parameters	<SttlmTpAndAddtlParams>	[1..1]	
Securities Movement Type	<SctiesMvmntTp>	[1..1]	text
Delivery			DELI
Receive			RECE
Linkages	<Lnkgs>	[0..*]	
Reference	<Ref>	[1..1]	Choice
Securities Settlement Transaction Identification	<SctiesSttlmTxId>	[1..1]	text{1,35}
Trade Details	<TradDtls>	[1..1]	
Trade Date	<TradDt>	[0..1]	Choice
Date	<Dt>	[1..1]	Choice
Date	<Dt>	[1..1]	date
Settlement Parameters	<SttlmParams>	[1..1]	
Hold Indicator	<HldInd>	[0..1]	
Indicator	<Ind>	[1..1]	boolean
Reason	<Rsn>	[0..*]	
Code	<Cd>	[1..1]	Choice
Proprietary	<Prtry>	[1..1]	
Identification	<Id>	[1..1]	text [a-zA-Z0-9]{4}
Lock Securities upon Request			LOCR
Lock Securites after Matched			LOCM
Other Amounts	<OthrAmts>	[0..1]	
Special Concession	<SpclCncssn>	[0..1]	
Amount	<Amt>	[1..1]	0 <= decimal td = 18 fd = 5
Xml Attribute Currency	<Ccy>		text AUD

NEW: Settlement Link Id: Allows multiple Settlement Instructions to be linked together (**Unilateral and Bilateral**)

NEW: Lock Securities (optional): Allows to lock units for settlement in the Delivering HIN.
Unilateral:
- Lock Securities upon Request (LOCR)

Bilateral:
- Lock Securities upon Request (LOCR)
- Lock Securities after Match (LOCM)

NEW: Override Tolerance Amount: The tolerance amount which the participant is willing to use over and above the standard ASX tolerance
Bilateral

ASX

sett_106 Settlement Instruction Response

Name	XML Tag	Mult	Type / Code
Securities Settlement Transaction Status Advice V08 (sese.024.001.08)	<SctiesSttlmTxStsAdvc>		
Processing Status	<PrcgSts>	[0..1]	Choice
Proprietary	<Prtry>	[1..1]	
Proprietary Status	<PrtrySts>	[1..1]	
Identification	<Id>	[1..1]	text [a-zA-Z0-9]{4}
Not Locked			NOLO
Issuer	<Issr>	[1..1]	text{1,35}
XASX			XASX
Settlement Status	<SttlmSts>	[0..1]	Choice
Pending	<Pdg>	[1..1]	Choice
Reason	<Rsn>	[1..*]	
Code	<Cd>	[1..1]	Choice
Proprietary	<Prtry>	[1..1]	
Identification	<Id>	[1..1]	text [a-zA-Z0-9]{4}
Scheduled for Future Settlement Cycle			SCHD
Awaiting Payment Confirmation			APCF
Issuer	<Issr>	[1..1]	text{1,35}
XASX			XASX

NEW: Processing Status > Pending Processing: To indicate that the security lock **was not** successful. (**Unilateral and Bilateral**)

- **Unmatched Settlement Instruction** (sett.105- Participant 1): If the units is not available, ASX will reject the transaction
  - ✓ comm.808: Rejected Transaction
- **Matched Settlement Instruction** (sett.105- Participant 2): If the units is not available, ASX will not reject the transaction
  - ✓ sett.106: Pending Processing> **Not locked (NOLO)**

NEW: Settlement Status: Scheduled (SCHD)

ASX

Party Identification

Delivering Settlement Parties	<DlvrgSttlmPties>	[0..1]		[1..1]
Depository	<Dpstry>	[0..1]		[1..1]
Party 1	<Pty1>	[0..1]		[1..1]
Identification	<Id>	[1..1]	Choice	Annotation: ASX Message Element Specification - ASX Element Name: Delivering UIC - ASX Element Definition: The UIC of the participant which controls the delivering HIN of a securities movement. - EIS Bit Position: 20 - EIS Field Name: Delivering PID --------------- Annotation: New Data Requirement - Title: Delivering Party 1 - Type: New Requirement - Description: When Delivering Settlement Parties > Party 1 is not provided map to Participant which controls the delivering HIN.
Receiving Settlement Parties	<RcvgSttlmPties>	[0..1]		[1..1]
Depository	<Dpstry>	[0..1]		[1..1]
Party 1	<Pty1>	[0..1]		[1..1]
Identification	<Id>	[1..1]	Choice	Annotation: ASX Message Element Specification - ASX Element Name: Receiving UIC - ASX Element Definition: The UIC of the participant which controls the receiving HIN of a securities movement. - EIS Bit Position: 19 - EIS Field Name: Receiving PID --------------- Annotation: New Data Requirement - Title: Element Receiving Settlement Parties / Party1 - Type: New Requirement - Description: When Receiving Settlement Parties > Party 1 is not provided map to Participant which controls the receiving HIN.

Delivering Settlement Parties > Party1 (1..1): choice between Delivering UIC or BIC

Receiving Settlement Parties > Party1 (1..1): choice between Receiving UIC or BIC

Delivering Settlement and Receiving Settlement Parties will be always Mandatory
Unilateral: same value
Bilateral: different value

Safekeeping Account (HIN)

Lvl	Name	XML Tag	Mult	Type / Code
0	Securities Settlement Transaction Confirmation V07 (sese.025.001.07)	<SctiesSttlmTxConf>		
1	Transaction Identification Details	<TxIdDtls>	[1..1]	
1	Quantity And Account Details	<QtyAndAcctDtls>	[1..1]	
2	Safekeeping Account	<SfkpgAcct>	[1..1]	
3	Identification	<Id>	[1..1]	text{1,35}
1	Delivering Settlement Parties	<DlvrgSttlmPties>	[0..1]	
2	Depository	<Dpstry>	[0..1]	
2	Party 1	<Pty1>	[0..1]	
3	Safekeeping Account	<SfkpgAcct>	[0..1]	
1	Receiving Settlement Parties	<RcvgSttlmPties>	[0..1]	
2	Depository	<Dpstry>	[0..1]	
2	Party 1	<Pty1>	[0..1]	
3	Identification	<Id>	[1..1]	Choice
3	Safekeeping Account	<SfkpgAcct>	[0..1]	

Safekeeping Account (1..1):
Unilateral: Delivering HIN (BP17)
Bilateral: HIN (BP16)

Safekeeping Account (0..1): removed

Safekeeping Account (0..1):
Unilateral: Receiving HIN (BP16)

ASX

Lock Unit for Settlement within the Delivering HIN after a settlement instruction has been received
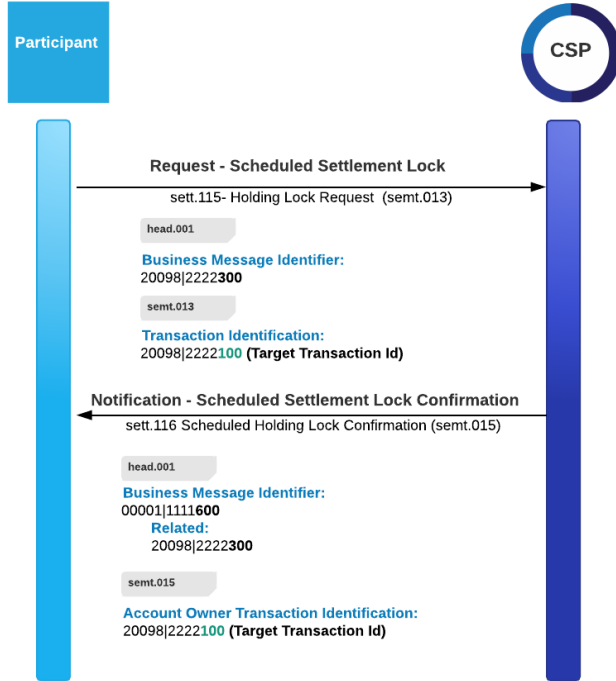
Name	XML Tag	Mult	Type / Code
Balance From	\<BalFr\>	[1..1]	
Type	\<Tp\>	[1..1]	Choice
Code	\<Cd\>	[1..1]	text
Blocked			BLOK
Available			AVAI
Balance To	\<BalTo\>	[1..1]	

From Available or Blocked

To Available or Blocked

Name	XML Tag	Mult	Type / Code
Settlement Quantity	\<SttlmQty\>	[1..1]	Choice
Unit	\<Unit\>	[1..1]	decimal td = 18 fd = 17
Settlement Date	\<SttlmDt\>	[1..1]	Choice
Date	\<Dt\>	[1..1]	date

Unit quantity must be the same as the Settlement instruction (no partial is allowed)

Request - Scheduled Settlement Lock

sett.115- Holding Lock Request (semt.013)

head.001

Business Message Identifier:
20098|2222**300**

semt.013

Transaction Identification:
20098|2222**100** (Target Transaction Id)

Notification - Scheduled Settlement Lock Confirmation

sett.116 Scheduled Holding Lock Confirmation (semt.015)

head.001

Business Message Identifier:
00001|1111**600**
Related:
20098|2222**300**

semt.015

Account Owner Transaction Identification:
20098|2222**100** (Target Transaction Id)

Participant

CSP

Rejected and Invalid Transaction

ASX performs a series of Technical (Schema) and Business validations on each message received.

Common Messages: Invalid & Rejected Transactions
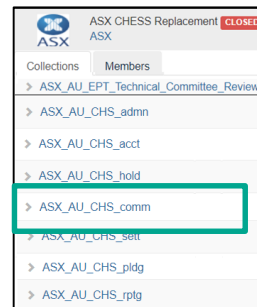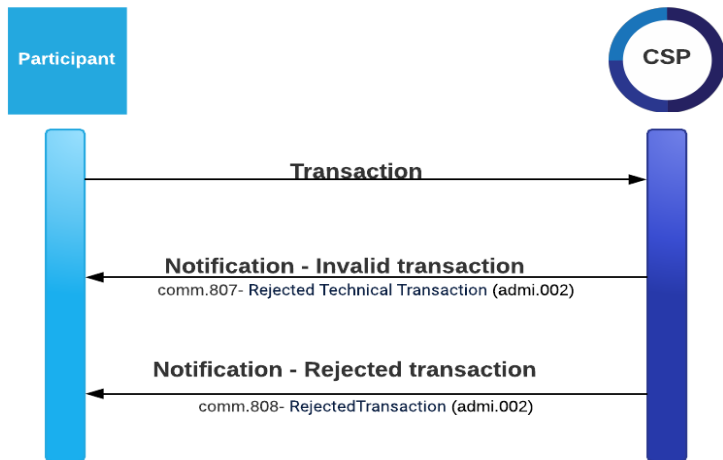
Technical (Schema) validation – The ASX technically validates the structure of all messages received. If the message is technically correct, Business validation begins. If not, the message is rejected and a Technical error message (e.g. EIS 540 / comm.807.001.01) is sent to the Sender.

Business validation – In addition to Technical validations, the ASX also performs Business validations on each message against a set of predefined rules. If the message passes, the ASX performs the business process. If not, the message is rejected and a Business error message (e.g. EIS 518 / comm.808.001.01) is sent back to the Sender.
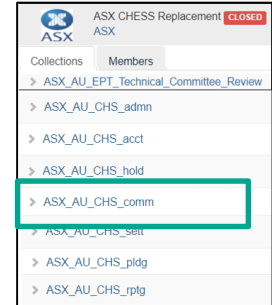
6d Common Messages
Reject Transaction

Rejected Transaction (Schema Validation)

ASX performs a series of Business validations on each message received.

ASX Message Number	comm.808.001.01
ISO 20022 Base Message	admi.002.001.01

The Rejected Technical Transaction Error message contains:

Index	Lvl	Name	XML Tag	Mult	Type / Code	Restr
	0	Message Reject V01 (admi.002.001.01)	<admi.002.001.01>			
	1	Related Reference	<RltdRef>	[1..1]		
	2	Reference	<Ref>	[1..1]	text{1,35}	
	1	Reason	<Rsn>	[1..1]		
	2	Rejecting Party Reason	<RjctgPtyRsn>	[1..1]	text{1,35}	T/C
	2	Rejection Date Time	<RjctnDtTm>	[0..1]	dateTime	[1..1] T/C
	2	Reason Description	<RsnDesc>	[0..1]	text{1,350}	[1..1]

→ **Related Message Identification** (Reference)

→ **Reason Code (4 Numeric)** (Rejecting Party Reason)

→ **Rejection Date and Time** (Rejection Date Time)

→ **Reason Description** (Reason Description)

ASX CHESS Replacement — CLOSED — ASX

Collections | Members

- ASX_AU_EPT_Technical_Committee_Review
- ASX_AU_CHS_admn
- ASX_AU_CHS_acct
- ASX_AU_CHS_hold
- ASX_AU_CHS_comm
- ASX_AU_CHS_sett
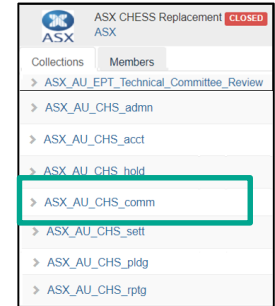- ASX_AU_CHS_pldg
- ASX_AU_CHS_rptg

ASX

6d Common Messages
Reject Transaction

Rejected Transaction

ASX performs a series of Technical (Schema) validations on each message received.

ASX Message Number	comm.807.001.01
ISO 20022 Base Message	admi.002.001.01

The Rejected Technical Transaction Error message contains:

Index	Lvl	Name	XML Tag	Mult	Type / Code	Restr	
	0	Message Reject V01 (admi.002.001.01)	<admi.002.001.01>				
	1	Related Reference	<RltdRef>	[1..1]			
	2	Reference	<Ref>	[1..1]	text{1,35}		→ Related Message Identification
	1	Reason	<Rsn>	[1..1]			
	2	Rejecting Party Reason	<RjctgPtyRsn>	[1..1]	text{1,35}	T/C	→ Reason Code (4 Numeric)
	2	Rejection Date Time	<RjctnDtTm>	[0..1]	dateTime	[1..1] T/C	→ Rejection Date and Time
	2	Reason Description	<RsnDesc>	[0..1]	text{1,350}	[1..1]	→ Reason Description

ASX CHESS Replacement CLOSED
ASX

Collections | Members

ASX_AU_EPT_Technical_Committee_Review
ASX_AU_CHS_admn
ASX_AU_CHS_acct
ASX_AU_CHS_hold
ASX_AU_CHS_comm
ASX_AU_CHS_sett
ASX_AU_CHS_pldg
ASX_AU_CHS_rptg

Unilateral & Bilateral Settlement Instruction and rejection messages

As-is Message id	Collection	To-be Message id
EIS 105, EIS 107, EIS 101	draft_sett	sett_105
EIS 106 EIS 166	draft_sett	sett_106
EIS 194	draft_sett	sett_109
EIS 102	draft_sett	sett_110
EIS 119, EIS 129, EIS135	draft_sett	sett_107
EIS 116	draft_sett	sett_108
EIS 131	draft_sett	sett_111
EIS 132	draft_sett	sett_112
EIS 125	draft_sett	sett_113
EIS 126	draft_sett	sett_114
n.a.	draft_sett	sett_115
n.a.	draft_sett	sett_116
EIS 540	draft_comm	comm_807
EIS 518	draft_comm	comm_808

MyStandards 'to-be' documentation

Community: ASX CHESS Replacement
Collection: ASX_AU_CHS_draft_comm
                        ASX_AU_CHS_draft_sett

Further details (attached to Message Definitions in MyStandards)
- Message Model
- Sample .xml
      Valid .xml samples to illustrate message structure
      Without transport-specific wrapper of BizMsg
      Not intended to cover full business usage
      Optional elements may not be present. Production collection
      & version
- ASX Proprietary Code list (attached to collection)

ASX requests TC member feedback via comments in MyStandards by 16 November for ASX responses in 27 November meeting

Closing

ASX

Next meeting

> Noted actions from this meeting

> Members to review 14 draft published messages (per agenda item 6e)

> Draft minutes from this meeting will be distributed for review

> Next meeting to be held Tuesday 27 November 2018 – Sydney, webinar

> Proposed matters for consideration:

> Demand settlement instructions

> Account management

> Payment facility

> More information on CHESS Replacement & Technical Committee documents:

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

> Or email ASX project team: CHESSReplacement@asx.com.au

Thank you.

ASX