ASX
CHESS Project

Technical Committee

3 March 2025

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Acknowledging Country

ASX acknowledges the
Traditional Owners of Country
throughout Australia. We pay
our respects to
Elders past and present.

Artwork by Lee Ann Hall, *My country My People*

Housekeeping

Troubleshooting

> Please mute yourself when not speaking

> Please use the 'raise hand' feature on MS Teams if you would like to ask a question

> Please introduce yourself when talking for the benefit of all members

> Meeting is being recorded for the purposes of capturing decision and actions

> Dial in details (audio only):

  - +61 2 7208 4607

  - Phone Conference ID: 370 119 280#

> Presentation materials were distributed before the meeting and will be published on the website.

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Important Information

Competition Law Reminder

Committee members are reminded to have regard to their obligations under competition law. In particular, please note that the Competition and Consumer Act prohibits 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.

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Agenda

01
Welcome, Open Actions & Feedback

For discussion

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01 – Open Actions

February 2025

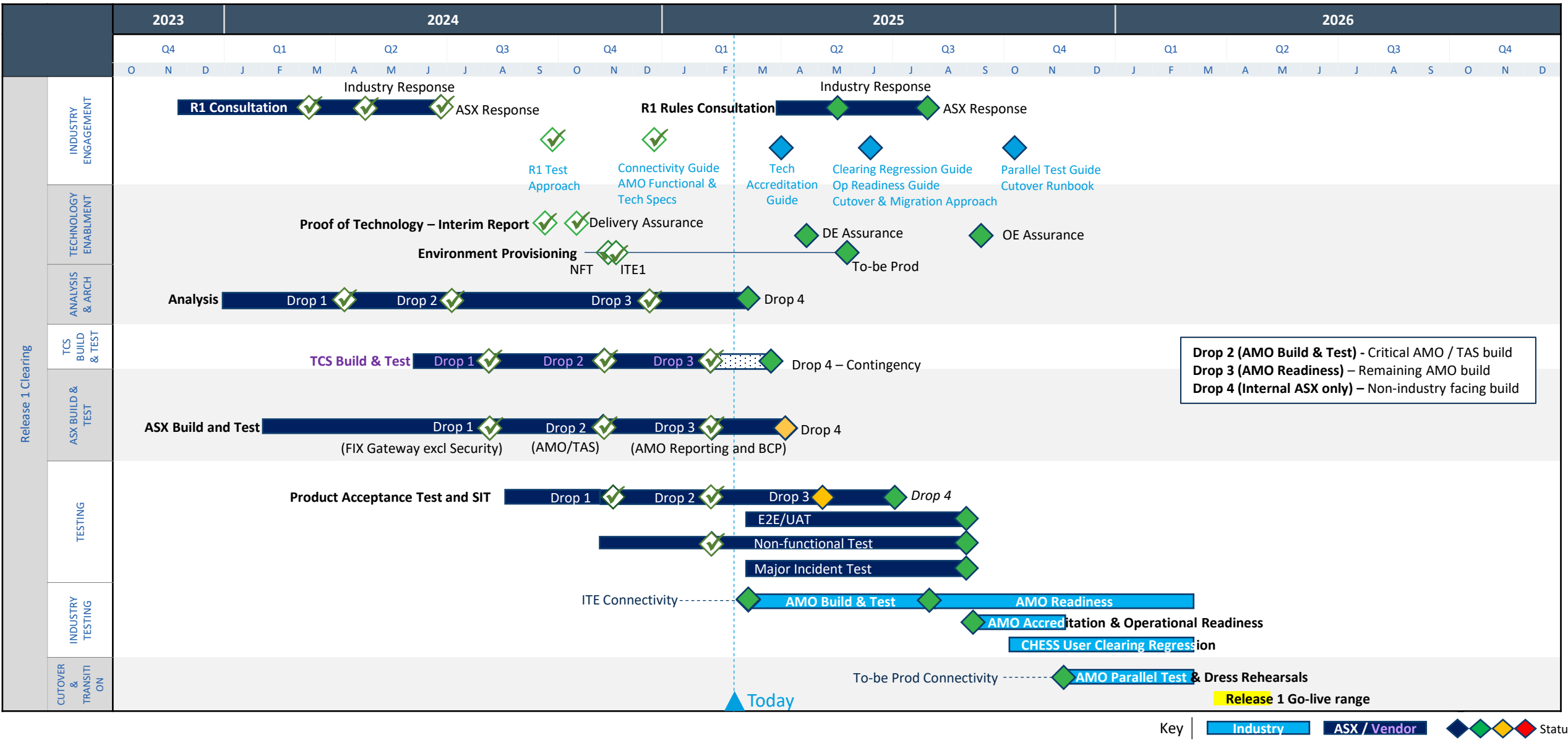| #	Action	Raised	Update	Status
2025-02-01	ASX to assess the feasibility to use BICs as the primary method of identification for the CHESS project	TC February 2025	ASX has commenced assessing the ability to use BICs for the CHESS project. Update targeted to be provided at the 02 April Technical Committee meeting	Open
2025-02-02	ASX to provide a 3-month forward engagement plan of the Technical Committee and Working Groups	TC February 2025	Refer to slide 45 for the 2025 forward engagement plan of the Technical Committee and Working Groups, including dates for key engagement activities	Propose to close

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02
Project Status

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02a
Release 1 Update

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02a – Updated Release 1 Indicative Project Timeline – March 2025

02a – Project Status

> ITE Open

- The Project is targeting to launch the Release 1 Industry Test Environment (ITE) for commencement of the AMO Build and Test phase on 28 February 2025. Key members of the Project approved external access to the ITE on 19 February 2025

- Testing for AMO build and test functionality is complete

    - There were no critical severity defects

    - 3 high severity defects were risk accepted with work arounds in place of which only 1 impacted AMOs

> Drop 3

- Drop 3 was delivered on 31 January 2025 with testing commencing on 18 February 2025

    - Drop 3 includes integration to the ASX identity system and reference data system

- The Project is currently tracking amber due to the testing scope carried over from Drop 2, increasing delivery schedule pressures for the AMO Readiness phase

    - The Project plans to mitigate potential impacts to the testing schedule by retaining existing resourcing and have key SMEs available from BaNCS in Sydney to support the testing

> Data and Reporting

- Baselining of the workstreams that support critical path integrations or external reporting was completed mid–February 2025. Additional resources are required to meet the revised timelines

- The remaining workstreams support ASX's internal reporting and are planned to be baselined by late–February 2025.
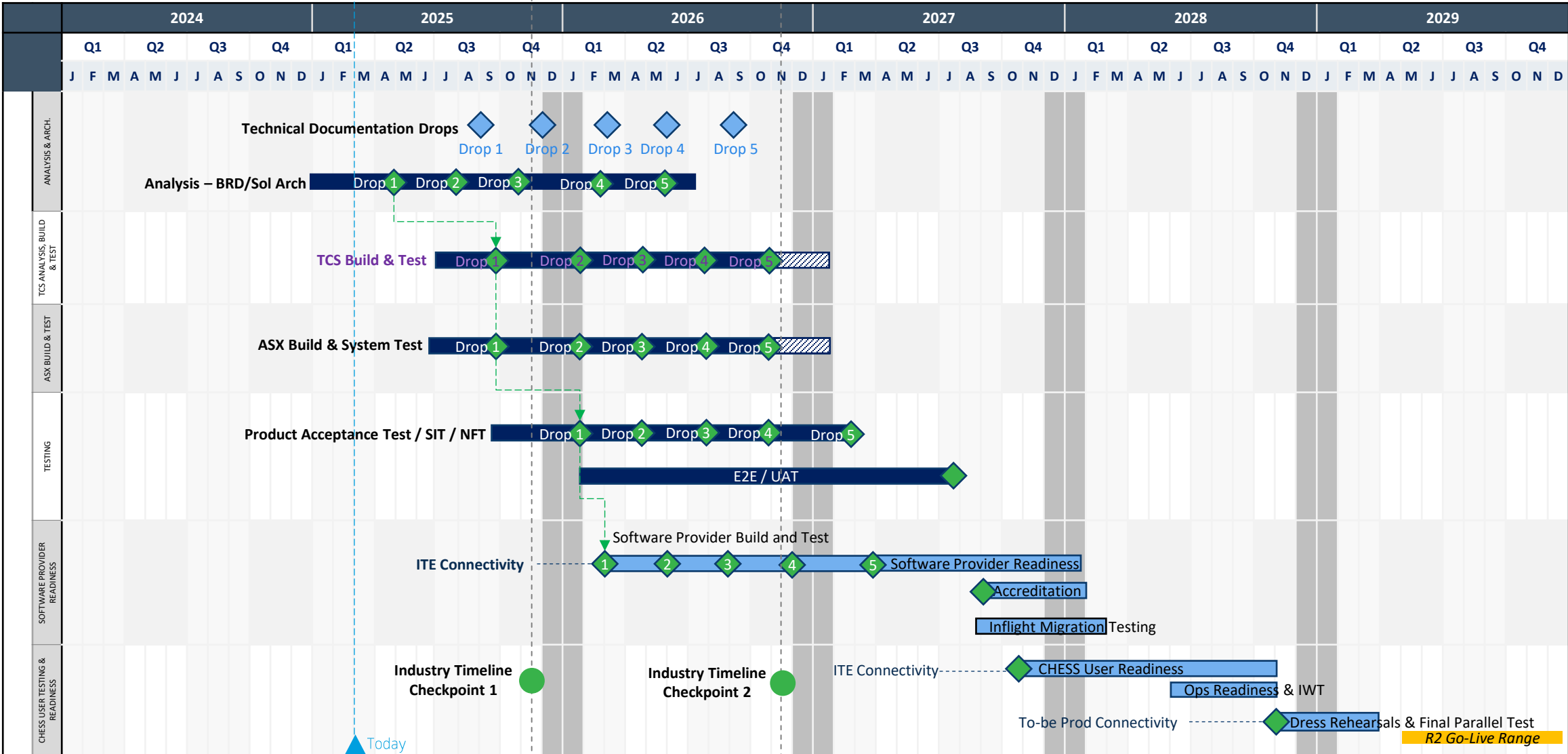
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02a – Project Status

> Other Release 1 Updates

- ASX's Drop 4 build has commenced and is targeting delivery by the end of March 2025
  - Drop 4 delivers internal facing features including parallel test tools to support parallel testing and CHESS User regression build and support, FIX message enquiries and test tools for regression build and support
- Major incident testing is scheduled to commence scoping and planning in March 2025
  - This involves assessing system resilience, validating recovery processes, and ensuring the support model can effectively manage incidents
  - This is a key phase to demonstrate both technical and operational readiness across support teams, ensuring they are prepared to handle incidents in the lead-up to go-live.

02b
Release 2 Update

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02b – Updated Release 2 Indicative Project Timeline – March 2025

02b – Project Status

Release 2 is tracking to plan with a number of additional resources onboarded to support delivery of Drop 1 and Drop 2

> Drop 1 and 2
  - Drafting of the business requirements for Drop 1 is tracking to plan with the Project targeting sign-off by late-April 2025
    - Build for Drop 1 feature scope is scheduled to commence from June 2025
  - Pre-analysis for Drop 2 is targeted for completion by late-April 2025

> Other Release 2 Updates
  - Engagement on optional or mandatory nature of new functionality commenced with industry feedback requested by 12 March 2025. Refer to slide 41 for overview of current industry feedback.

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02c
Project Risks

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02c – Project Risks

March 2025: Risks continue to track as planned and are being actively managed

Area	Description	Mitigation	Residual Exposure	Status
Delivery	Delays in testing may impact AMO Build and Test	Prioritise resourcing and testing activities to minimise potential impact to the critical path for commencement of AMO Build and Test Prioritise delivery of scope and bring forward open defect fixes critical to AMO Build and Test	Medium	Close
Schedule	Delays in finalising the CHESS Project Data and Reporting Build	Work with internal teams to identify a feasible testing approach given planned timeline Onboard additional resources to reduce design and build timeline	Medium	Open
Schedule	Increased testing scope for Drop 3 may impact AMO Readiness	Document detailed test plan for AMO Readiness and assess the required resource profile to meet the plan Retain availability of key resources to support testing for Drop 3	Medium	Open
Schedule	Release 2 timeline may be impacted due to Release 1 delivery priority	Minimise overlap between Release 1 and Release 2 to manage impact on resources required to support both releases Accelerate Release 2 analysis following completion of Release 1 analysis	Medium	Open

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03
Industry Testing Update

03 – Release 1 Build and Test Forum

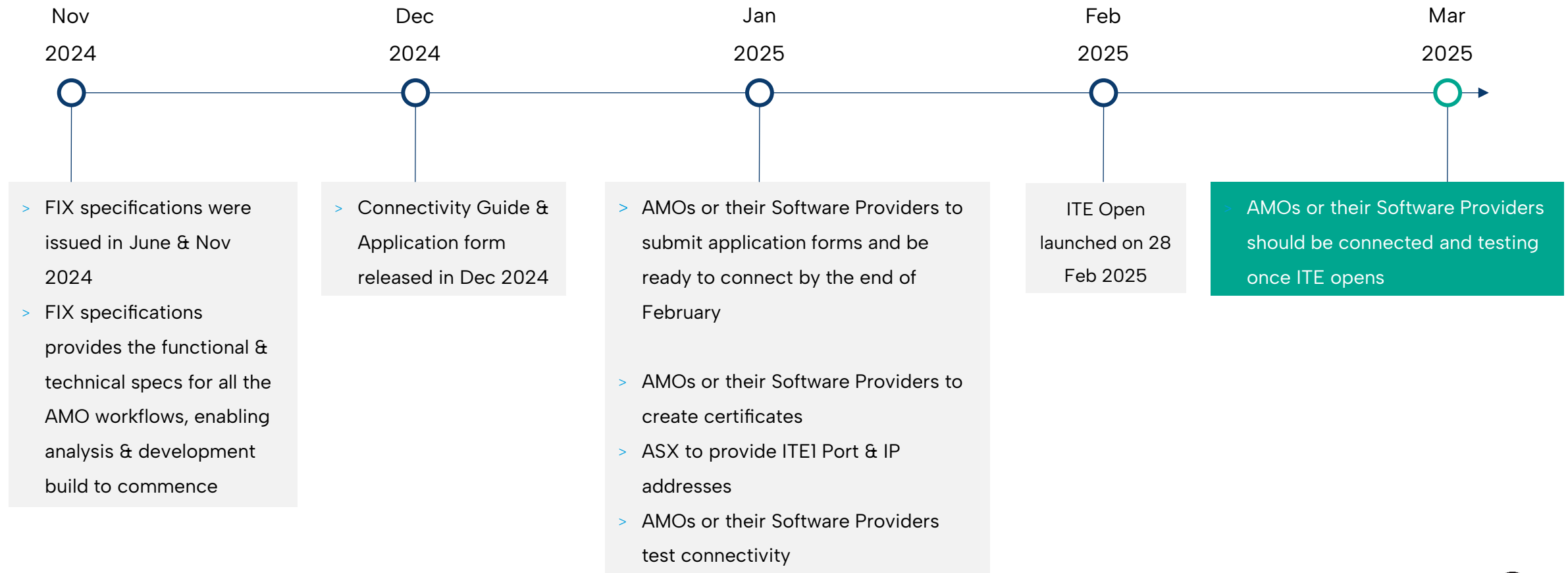## Summary Update of 13 February Release 1 Build & Test Forum

> Welcome and Purpose of Release 1 Build & Test Forum
>> • Key forum to discuss technical elements of CHESS Project Release 1
>> • Track and monitor progress on Release 1 readiness
>> • Provide monthly updates to Technical Committee and Working Groups.

> Documentation Updates
>> • ITE Connectivity Guide
>> • FIX Specifications.

> Industry Test Overview
>> • Overview of each test phase
>> • Steps to ITE Open
>> • Entry and Exit Criteria
>> • Monitoring & Reporting
>> • ITE Support Model
>> • Known ITE Issues.

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03 – Release 1 ITE Open

Key connectivity steps leading up to ITE open

| Nov 2024 | Dec 2024 | Jan 2025 | Feb 2025 | Mar 2025 |

> **FIX specifications were issued in June & Nov 2024**

> **FIX specifications provides the functional & technical specs for all the AMO workflows, enabling analysis & development build to commence**

> **Connectivity Guide & Application form released in Dec 2024**

> **AMOs or their Software Providers to submit application forms and be ready to connect by the end of February**

> **AMOs or their Software Providers to create certificates**

> **ASX to provide ITE1 Port & IP addresses**

> **AMOs or their Software Providers test connectivity**

ITE Open launched on 28 Feb 2025

> **AMOs or their Software Providers should be connected and testing once ITE opens**
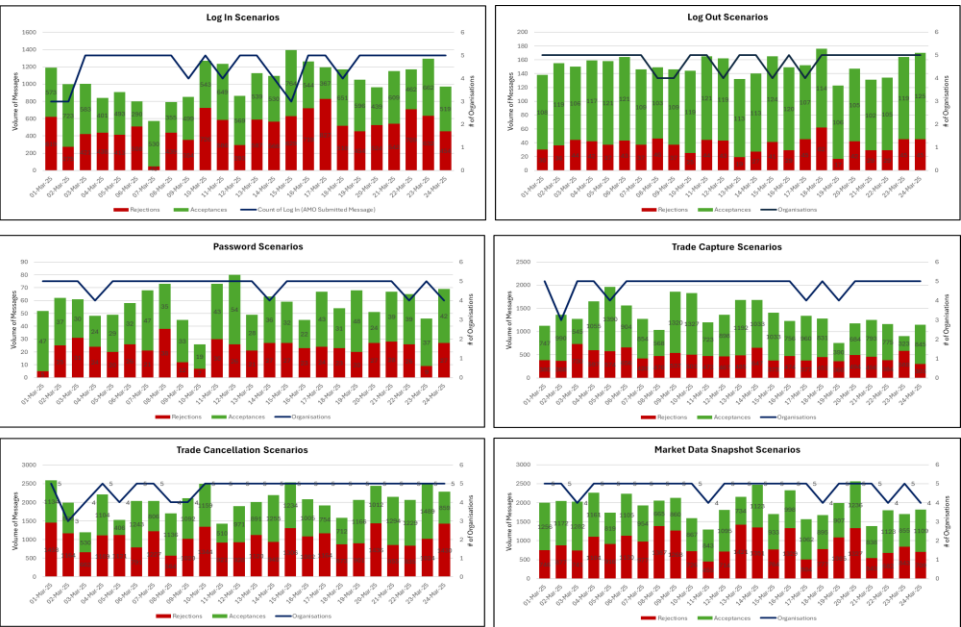
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03 – ITE Reporting

Initial reporting will be provided on testing activities, followed by industry tracking of each phase

Monthly Activity (from March 2025)

Based on data that comes through from testing, ASX will be providing anonymised reporting to ensure Participants are actively engaging with the system and to identify any lags in readiness effort.

Example data

Industry Tracking Readiness (from July 2025)

As development progress, ASX proposes to provide coverage on scenarios across each phase of Industry Testing with specific thresholds and requirements to be met before progressing further.

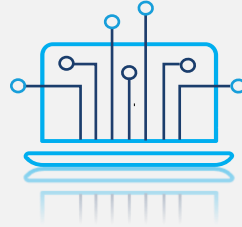|	Scenario Coverage		AMO Accreditation	AMO Operational Readiness
	Message	Connectivity & Resilience		
Org 1	100%	100%	✓	–
Org 2	60%	–	–	–
Org 3	100%	100%	✓	✓
Org 4	100%	80%	–	–

Example data

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03 – ITE Support Model

Information & Processes

Guide and Documentation
Refer to guides and specification documents that has been released

Environment Status
Communicating status of environment and open defects via ASX live webpage

Defects / Issues
For any defects / issues you may raise a new ticket via ASX online, email chessreplacement@asx.com.au

Support

Dedicated Team
A dedicated 9–5pm team to help manage any support issues

Bilaterals
Scheduled Bilaterals by request for more detailed information or support

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04

Working Group Updates

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04a

Approved Market Operators Working Group (AMO WG)

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04a – AMO Working Group

Summary Update of 13 February AMO WG

> Transition of CHESS Project technical elements from AMO WG into the Release 1 Build and Test Forum

> AMO Contractual Terms and Rule and Procedures Consultation Papers targeted to be published in March 2025
  - Changes driven by CHESS Replacement Release 1 and 5-Year Contract review
  - Consultation with AMOs is planned to be a 6-week period, effective target date March / April 2026

> Reviewed list of proposed Trade Condition Codes for ITE Open.

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04b

Implementation & Transition Working Group (I&T WG)

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04b – Release 1 Clearing Regression Overview

In preparation for the Clearing Regression phase, ASX proposes to capture early feedback to develop the guide that is targeted to be published next quarter

Clearing Regression Phase	
Between October 2025 and February 2026, Clearing Participants are required to perform internal testing and validation of all downstream EIS messages received that result from trade registration, clearing and netting services. This is a mandatory industry test phase where Clearing Participants and AMOs will be operating in the same test environment.	
Environment	Release 1 Industry Test Environment integrated with current CHESS
Data	Data required to support Clearing Regression will be determined as part of the Clearing Regression test guide
Entry Criteria	Clearing participants are ready to run regression scenarios required to complete Clearing Regression in current CHESS
Exit Criteria	Clearing Participants to confirm that EIS messages that have been generated by the CHESS replacement System cause no issue in system and business processing for the trade clearing and settlement lifecycle

ASX is seeking feedback on the Clearing Regression phase in preparation for the guide and future engagement topics within the Implementation & Transition Working Group

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04b – Indicative Release 2 Roadmap

	Drop 1	Drop 2	Drop 3	Drop 4	Drop 5
Feature Scope	› Participant and registry/issuer Setup › Accounts and investor data › Holdings › Unilateral demand transfers › Account and holding reporting	› Trade registration & netting › Settlement instructions › Batch settlement (excluding payments)	› Payments with limits › Issuer sponsored processes › Holding adjustments › Cum entitlement balance reporting › Claims and adjustments	› Change of controlling participant & portfolio transfer › Batch exceptions (including default management and backout) › RITS integration(s)	› ETO/CMM collateral › Daily margin advice › Offer administration facility › Corporate action elections without payment › Corporate action elections with payment
User Journeys	1. Participants can test the full account lifecycle (create & update, lock and cancel) and communication of investor data 2. Participants can perform simple transfers between accounts they administer 3. Registries and Participants can receive account and holding–related reports	1. Participants can receive market trades in ISO20022, novate, net and schedule for settlement 2. Participants can match and schedule settlement instructions 3. Participants can settle instructions in a daily batch (excluding payment provider and payment services flows), including unit failure	1. Payment providers can manage payment facilities, authorise funds and utilise cash limit tracking 2. Participants and Registries can test issuer sponsored flows 3. Registries can process corporate actions including performing holding adjustments 4. Participants and Registries can receive corporate actions reporting 5. Participants obligations are adjusted to account for fails	1. Participants can perform change of controlling participant and portfolio transfers 2. Participants and ASX can test batch exception processes (such as default management, backout, extension and cancellation) 3. ASX and RBA can commence testing of RITS integration(s)	1. Participants can lodge non–cash collateral and ETO cover and adjust margin 2. Participants and Registries can test takeovers and buybacks 3. Participants and Registries can test option elections without payment (DRP/BSP) 4. Participants and Registries can test option elections with payment (Rights, SPPs)

Note: Indicative roadmap & subject to change

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04b – Learnings From Previous Project PIR

PIR feedback highlighted the approach to tooling in the last project generally met industry needs, however various areas of improvement should be considered

Strategy

> End user testing Test environment and data should be closer-to-production quality

> Should have the ability for CHESS Users to test processes independently (prior to IWT)

> Solutions should enable user testing to be as automated as possible

> Solutions should allow multiparty workflows without the need for assistance (e.g. test transfer HIN to/from another Participant)

> Use cases should consider "day in the life" for each user group

> Provide clearer status on test environments e.g. known issues, environment status, & active corporate actions event calendar

Tooling

> Continue with Turn Around PID auto initiators / responders

> Continue with solutions to load / request test scenarios or additional data (templates could be improved overall – seemed unnecessarily complicated)

> Supportive of the CHESS UI approach as a tool to support self service testing of multiparty workflows

Data

> Corporate action events should flow from production to improve test quality

> Require more (synthetic) corporate actions running to get good coverage for testing (lack of events to test against & do not want to wait a month between cycles to retest)

> More takeover events are required

> Securities with concurrent corporate action events should be created

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Industry feedback on proposed test tool solutions to be sought in I&T Working Groups as part of each Drop engagement

Note: Indicative roadmap subject to change

Jan 2025	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Jan 2026	Feb	Mar	Apr	May	Jun	July	Aug	Sept	Oct	Nov	Dec

Engage → Drop 1 Documentation

Engage → Drop 2 Documentation

Engage → Drop 3 Documentation

Engage → Drop 4 Documentation

Engage → Drop 5 Documentation

High Level Approach to Industry Test Tooling considerations

> Test kits (with production-like and synthetic data sets)

> Tooling: Auto responders to facilitate multiparty workflows & self-service tooling for initiation of workflows and data creation

> Production-like security data

> Scheduled / rolling calendar events

> ASX assisted events (if needed)

Future Engagements

> Plan to discuss proposed solutions to facilitate workflows included in scope for Drop 1 in March and April I&T Working Groups

> Similar engagement periods proposed for Drops 2-5

ASX is seeking industry considerations and feedback on R2 industry testing requirements via CHESSreplacement@asx.com.au

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04c

Business Design Working Group
(BD WG)

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04c – Business Design Working Group – Proposed 2025 / 26 Plan

Upcoming and completed sessions

#	Session	Topic(s)	Invitees	Proposed Date	Action
13	Release 2 Drop 1 Deep Dive	Deep dive into Release 2 Drop 1 detailed business design	All	6 February 2025	Working group held. Updated spreadsheet was provided on 28 February
14	Registries Focus Group	Registries focus group on specific registry topics	Registries only	13 March 2025	Planned – pre-read due 6 March
15	Release 2 Drop 2 Deep Dive	Deep dive into Release 2 Drop 2 detailed business design (including Transaction Basis Deep Dive)	All	3 April 2025	Data sheet to be provided for feedback in early March
16	*Placeholder*	*Session to be confirmed*	*TBD*	8 May 2025	Planned
17	Payment Provider Focus Group	Payment provider focus group on planned changes to payment authorisation processes	All	5 June 2025	Planned
18	Release 2 Drop 3 Deep Dive	Deep dive into Release 2 Drop 3 detailed business design	All	10 July 2025	Planned
19	*Placeholder*	*Session to be confirmed*	*TBD*	7 August 2025	Planned
20	Payment Channels Deep Dive	Industry focus group on the real-time payment channel	All	4 September 2025	Planned
21	Release 2 Drop 4 Deep Dive	Deep dive into Release 2 Drop 4 changes and business design	All	9 October 2025	Planned
22	New Corporate Action Services Focus Group	Industry focus group on new corporate action services	All	6 November 2025	Planned
23	Accounts Migration Deep Dive	Deep dive into Accounts Migration approach	All	4 December 2025	Planned
24	Release 2 Drop 5 Deep Dive	Deep dive into Release 2 Drop 5 changes and business design	All	January 2026	Planned

Note: indicative order, subject to change based on industry inputs and further planning. Multiple sessions may be required per topic
Blue denotes an update since last presented

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A deep dive session was held on 6 February to discuss the detailed business design of Release 2, Drop 1

ASX circulated a data attribute sheet in December and received feedback from CHESS Users both offline and during the BDWG session. This feedback was discussed and evaluated and as a result modifications have been made to the data attributes, scope and design.

Changes will be reflected in:

> Updated attributes sheet to be circulated to members by 28 February for final feedback
> Updates to Business Design Document(s) to reflect any scope changes
> Finalised User Technical Documentation and ISO Message Specifications for Drop 1.

In addition, a number of actions were recorded which will be addressed in future BDWGs.

Overview of survey results

	No changes requested	Changes requested	Not applicable	Other – see comments
Registration Details	6	1	1	5
Communication Information	7	0	1	5
Account Status Information	5	2	3	2
Ownership Restrictions	8	2	0	3
Advisor Details	5	1	5	2
Additional Holder Information	5	2	3	3
Bank Account Details	8	0	0	4
Domestic Tax Details	8	1	0	3
FATCA/CRS Details	7	2	2	1
Corporate Actions	8	0	0	4

Key | ● C&S Participant ● Software Providers ● Share Registries

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04c – Business Design Working Group – Release 2 Drop 1 Deep Dive

Release 2 Drop 1 Deep Dive – Summary of Changes

Item	Industry feedback	Summary of change
Registration Details		
HIN	Feedback received to consider the length of the HIN and prepending the attribute with an X	Analysis confirms that only 1.29% of possible HIN combinations are currently being utilised and ASX has decided against adding an X to the HIN due to the significant number of messages and industry processes this will impact. The ISO WG is considering ways to better distinguish HINs versus SRNs in the message. The HIN format will remain as a 10–character numeric attribute with the last digit to remain a check digit
Ownership Type	Feedback received to expand this attribute to additional Ownership Types such as nominee, corporation, custodial	ASX is considering the feasibility of incorporating additional values in either the Ownership Type attribute or the Holder Type attribute. (ACTION – BDWG_05)
Holder Name	Feedback received to reduce this field to 80 to align to the length agreed in the previous project	This has been reduced from 140 characters to 80 characters
Registered Address Line 4 and 5	Feedback received to consider adding address lines 4 and 5 to account for legacy accounts	ASX proposes to add address lines 4 and 5 for legacy accounts only for the purpose of migration. This is not applicable to new accounts which will need to be created with 3 address lines only. Any account that exceeds the limit of 140 characters will be considered a data quality issue and should be remediated by the Participant
Email and Mobile	Participants requested a clearer understanding of the data will be used should it be provided to Registries	ASX proposed to retain both email address and mobile to promote electronic communication and reduce fraud. Further consideration is required to ensure the obligations and expectations on Issuers and Registries when receiving this information is understood. (ACTION – BDWG_09)
Mailing Address	Feedback received indicated the industry did not see value in these fields and expressed concerns it would further promote postal communication	Attributes removed from scope

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04c – Business Design Working Group – Release 2 Drop 1 Deep Dive

Release 2 Drop 1 Deep Dive – Summary of Changes

Item	Industry feedback	Summary of change
Ownership Restrictions		
Aggregate Foreign Ownership	Feedback received requesting ASX evaluate whether aggregate foreign ownership restrictions is still actively used	Further analysis is required to confirm the use cases and detail of these attributes. To be discussed further in the Registries working group in March. (ACTION – BDWG_07)
US Person Indicator	Feedback received regarding the valid values that should be used for a US person indicator and how this would be handled for Issuer rules that extended beyond the US	Further analysis is required to confirm the use cases and detail of these attributes. To be discussed further in the Registries working group in March. (ACTION – BDWG_07)
Retail / Wholesale Indicator	The industry was against the addition of this field due to the limited usage and benefits this would provide and the added administrative burden and requirement to refresh this indicator every 2 years	Attributes removed from scope
Advisor Details		
Advisor name and number	The industry was against the addition of this field due to limited usage and benefits provided	Attributes removed from scope

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Release 2 Drop 1 Deep Dive – Summary of Changes

Item	Industry feedback	Summary of change
Additional Holder Information		
Holder ID	Feedback received to consider alphanumeric characters, there was industry preference for numeric only identifiers.	These will be ASX generated using the HIN followed by the numbers 01, 02, 03, 04 to indicate the holder. This field is intended to be used from a technical perspective only and not shared with Investors or Issuers
Date of birth	Feedback received to consider whether date of birth can be received by the Registry for non–FATCA reasons and the purposes that it can be used.	Attribute removed as FATCA details are out of scope and concerns around the privacy implications of this information being shared via CHESS
Bank Account Details		
BSB, Account Number and Name	Industry highlighted the need for Participants to continue to nominate bank accounts for specific issuers. Some Registries and Participants requested the need to have a default bank account recorded against a HIN.	Further discussion is required to determine if bank details will remain a pass–through attribute per Issuer or stored as an attribute on a HIN. Bank account details will not be on the account creation messages for Drop 1 and will be via a separate message confirmed in the future
Domestic Tax Details		
ABN	Feedback received to consider the ABN as a pass through to avoid confusion, however industry feedback indicated that this was a useful field to separate and include as an attribute of a HIN.	ABN will be provided to all issuers as a separate field from the TFN. The format will continue to be 12 characters, with the first 11 characters for the ABN, and the 12th character being the investor identity type which will include (I,C,T,P,S,D,G,O) as per current CHESS

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04c – Business Design Working Group – Release 2 Drop 1 Deep Dive

Release 2 Drop 1 Deep Dive – Summary of Changes

Item	Industry feedback	Summary of change
FATCA Details		
All FATCA attributes	Industry highlighted the regulatory challenges that limit the ability for Registries to use FATCA details collected by Participants due to existing intergovernmental agreements Participant feedback outlined the preference to not include any FATCA details in CHESS due to challenges if an investor chooses to transfer their HIN to a Participant that does not opt into these details as well as the obligation to test the validity of any information received	All FATCA attributes will be deferred from CHESS Replacement Release 2 and considered as part of a future backlog
Reporting		
Registry Notifications	Registries highlighted concerns with the proposal to no longer provide account details immediately, given the implications to current IPO processes	ASX is evaluating solutions within BaNCS and will continue discussions in the upcoming Registries WG

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04c – BDWG Actions

#	Action	Raised	Update	Status
BDWG_01	Confirm Australia Post Standards for addresses	February BD WG	Confirmed: 7663 Address Standards Bro A/W	Closed
BDWG_02	Consider whether there could be an ability to allow transfer of standing instructions in the case of transfer to a new HIN	February BD WG	To be considered as part of Portfolio Transfers (Drop 4)	On hold – Drop 4
BDWG_03	Consider whether Date of Event is required and supplied to registries for Death/Bankruptcy	February BD WG	Not currently supplied to Registries. ASX is evaluating whether current requirements on participants to supply this field is still required	In progress
BDWG_04	Consideration of which new fields can be transferred to a new participant in the case of a Change of Controlling Participant	February BD WG	To be considered as part of Change of Controlling Participant (Drop 4)	On hold – Drop 4
BDWG_05	Consider the addition of further Ownership Types (e.g. Nominee, Corporation)	February BD WG	Under evaluation	In progress
BDWG_06	Consider the process of migrating accounts, including transformations and fields not available in current CHESS	February BD WG	Deep dive BDWG scheduled for August	On hold – August BDWG
BDWG_07	Continue evaluation of Foreign Ownership Restrictions and use of Guaranteed Foreign Transfers	February BD WG	Continued discussions with Registries in March, and Participants in April	In progress
BDWG_08	Consider whether additional special characters can be supported in BaNCS	February BD WG	Under evaluation, finalised character set to be communicated via ISOWG	In progress
BDWG_09	Consider the appropriate rules and privacy implications to allow the sharing of email and mobile number with Registries	February BD WG	To be considered as part of rules consultation	On hold – Rules Consultation

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04d

ISO Design Working Group (ISO WG)

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04d – ISO Design Working Group – Release 2 Drop 1 update

Update on 18 February ISO Design Working Group meeting

Strong engagement at the ISO Design Working Group, with a total of 38 feedback items received via MyStandards.

> Messages relating to the following workflows have been presented to the Working Group Members:

- Business Application Header (head.001), Message Envelope (nvlp.001) & Invalid/Rejections (admn.002)
- Total Security Balance (TSBL) and Holding Balance (HBAL) reports (semt.002 & semt.021)
- End of overnight reports (admi.004)
- Account creation (acmt.001 & acmt.002)
- Account reporting (acmt.004 & acmt.002)
- Security Subregister Status (reda.007)
- Settlement Instructions – Unilateral Demand Transfer (sese.023, sese.024 & sese.025).

> Remaining workflows relating to Drop 1 (targeting 20 March 2025 Working Group):

- Account maintenance, locking / unlocking and cancellation (acmt.003, acmt.006 & acmt.002)
- Change in balance notifications (acmt.002)
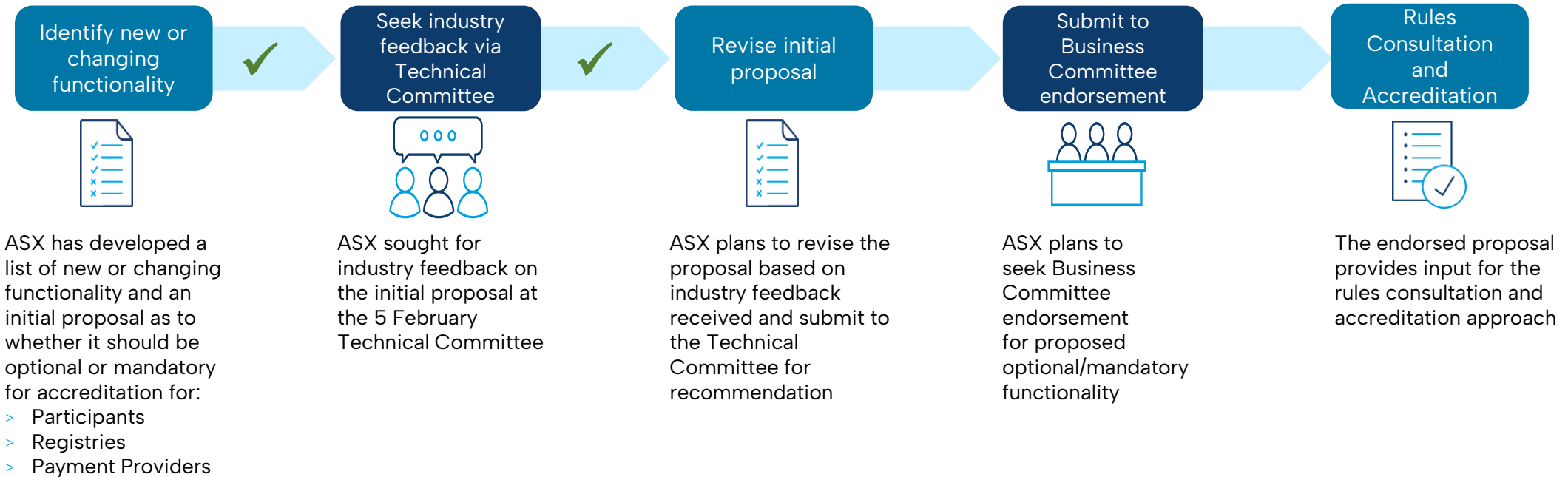- Investor Details – TFN (acmt.003 & acmt.006).

Feedback window is open in My Standards until 4 March 2025 for account creation, account reporting, security subregister status and unilateral demand transfers messages.

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05
Optional versus Mandatory Functionality Update

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05 – Optional or Mandatory Functionality – Indicative Process

Indicative process to determine whether functionality for the CHESS project will be optional or mandatory

| Identify new or changing functionality | ✔ | Seek industry feedback via Technical Committee | ✔ | Revise initial proposal | → | Submit to Business Committee endorsement | → | Rules Consultation and Accreditation |

ASX has developed a list of new or changing functionality and an initial proposal as to whether it should be optional or mandatory for accreditation for:
> Participants
> Registries
> Payment Providers

ASX sought for industry feedback on the initial proposal at the 5 February Technical Committee

ASX plans to revise the proposal based on industry feedback received and submit to the Technical Committee for recommendation

ASX plans to seek Business Committee endorsement for proposed optional/mandatory functionality

The endorsed proposal provides input for the rules consultation and accreditation approach

ASX continues to seek feedback on the initial proposal (presented at the 5 February Technical Committee meeting) by 12 March 2025. Feedback on ASX's initial proposal can be provided via email or bilateral engagement.

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05 – Industry Feedback on the Initial Proposal

Overview of industry feedback received on the initial proposal as presented in the 5 February Technical Committee meeting. Refer to Appendix C for the Initial Proposal
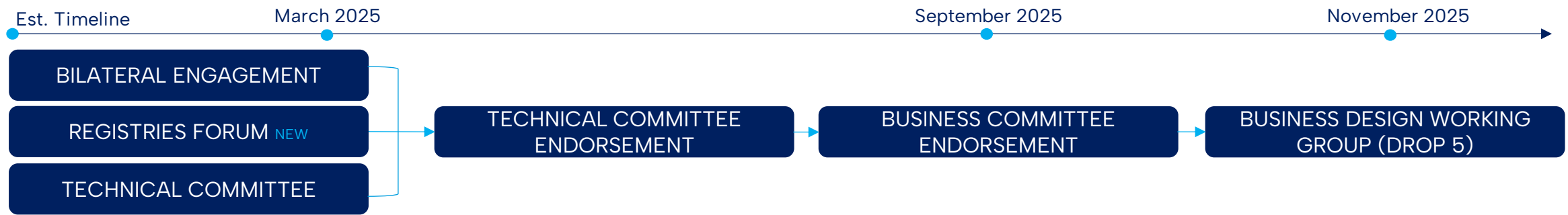
Ref	Feature for Accreditation	Feature Type	Industry Feedback
2.3	Standing instructions – payment limits	Core clearing and settlement functionality	Members queried on how this functionality would work prior to determining whether it should be mandatory
4.5	Non batch DvP bilateral settlement	Core clearing and settlement functionality	A member was not supportive of non batch DvP bilateral settlements being mandatory for Participants and requested it be considered for removal from scope
5.2	House/client segregation	Core clearing and settlement functionality	A member requested for further engagement to assess the impact of house/client segregation on the netting process
1.3	SRN enquiry & validation	Functionality for additional services or reporting	A member queried whether SRN enquiry & validation should be mandatory for Participants with an exemption for those performing SRN validations via other means
3.2 3.3	Corporate action election and acceptance processing: > Rights/SPPs > DRP/BSP	Functionality for additional services or reporting	Members queried the optional nature of the services for Share Registries and whether there would be sufficient take–up

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05 – Corporate Actions Engagement

Proposed engagement on Corporate Actions

> Industry participants requested that ASX explore the ability to facilitate further straight through processing of Corporate Action events between Participants and Share Registries

> ASX acknowledges cost and impacts of such functionality to the Registries, and plans to meet with Registries to:

- Jointly explore and define a beneficial approach for developing Corporate Action functionality

- Understand the Registries business objectives and challenges, enabling (where reasonable) ASX to align the Corporate Action functionality development with their strategic goals to ensure it meets their specific requirements

- Ensuring the development of Corporate Action functionality supports both immediate and long–term business needs

> ASX aims to provide the Technical Committee with a proposal before seeking Business Committee endorsement (prior to commencing detailed design in BDWGs).

Proposed Approach

Est. Timeline | March 2025 | September 2025 | November 2025

BILATERAL ENGAGEMENT

REGISTRIES FORUM NEW

TECHNICAL COMMITTEE

TECHNICAL COMMITTEE ENDORSEMENT

BUSINESS COMMITTEE ENDORSEMENT

BUSINESS DESIGN WORKING GROUP (DROP 5)

ASX

06

Pulse Survey Actions

ASX

06 – Pulse Survey Results – Key Insights & Action Plan

Topic	Description	ASX Action
Sample size reduction	> Decreasing sample sizes for pulse survey responses	> Move survey cadence to April / October and simplify survey questions
Documentation	> Preference for additional detail where possible from project documentation > Faster publishing of documentation after Committees and WGs	> Move to BDD, Functional & Technical specifications as primary discussion documents > Plan to publish WG and TC documents within 7 days of meeting occurrence > Plan to publish BDWG summary documents within 30 days of WG occurrence (where applicable)
Adequacy of information	> Ensuring adequacy of information on key topics not directly related to Release 1 and Release 2 progress (interoperability, T+1	> Bi-annual updates where relevant on key topics not covered in existing TC and WG agendas via BC agenda items

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07
Forward Engagement for 2025

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07 – Indicative Forward Engagement Calendar (Rolling 3 Months)

	March 2025	April 2025	May 2025
Technical Committee	3 March > Release 1 and Release 2 project update > Release 1 Industry Test Environment > Working Group updates > Optional versus mandatory functionality > Pulse Survey actions	2 April > Release 1 and Release 2 project update > Release 1 Industry Testing update > Working Group updates > Optional versus mandatory functionality > CHESS project – use of BICS	6 May TBD
Implementation & Transition Working Group	27 March Release 2 Industry Test Tooling Approach	29 April > Release 2 Industry Test Tooling Approach (cont'd) > Release 1 Operational Readiness and Approach	29 May Release 1 Clearing Regression and Cutover
AMO Working Group	18 March *Moving to BAU (CHESS project updates as required)*	10 April *Moving to BAU (CHESS project updates as required)*	14 May *Moving to BAU (CHESS project updates as required)*
Release 1 Build & Test Forum	18 March > Build and Test Update > Readiness Tracking > Industry testing	10 April > Build and Test Updates > Readiness Tracking > Industry testing	14 May > Build and Test Updates > Readiness Tracking > Industry testing
Business Design Working Group	13 March Registries Focus Group	3 April Release 2 Drop 2 Deep Dive	8 May TBD
ISO Design Working Group	20 March Release 2 Drop 1 ISO messages and Schema	9 April Release 2 Drop 1 and 2 ISO messages and schema	21 May Release 2 Drop 2 ISO messages and Schema

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07 – Indicative Committee Schedule

CY2025 Indicative Committee Schedule

Month	Date	Time
Technical Committee		
March meeting	Monday 3 March	1pm – 3pm
April meeting	Wednesday 2 April	2pm – 4pm
May meeting	Tuesday 6 May	2pm – 4pm
June meeting	Wednesday 4 June	2pm – 4pm
July meeting	Wednesday 9 July	2pm – 4pm
August meeting	Wednesday 6 August	2pm – 4pm
September meeting	Wednesday 3 September	2pm – 4pm
October meeting	Wednesday 8 October	2pm – 4pm
November meeting	Wednesday 5 November	3pm – 5pm
December meeting	Wednesday 3 December	2pm – 4pm

Month	Date	Time
Business Committee		
March meeting	Wednesday 12 March	12pm–2pm
June meeting	Wednesday 18 June	12pm–2pm
September meeting	Wednesday 17 September	12pm–2pm
December meeting	Wednesday 10 December	4pm–6pm

TNF Australasia Meeting 2025
> The Network Forum Australasia Meeting 2025 is scheduled for Tuesday 4 and Wednesday 5 March 2025 in ASX's Sydney office

2 April Technical Committee Meeting
> Planned to be held in person in ASX's Sydney office

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Questions

Observer Feedback

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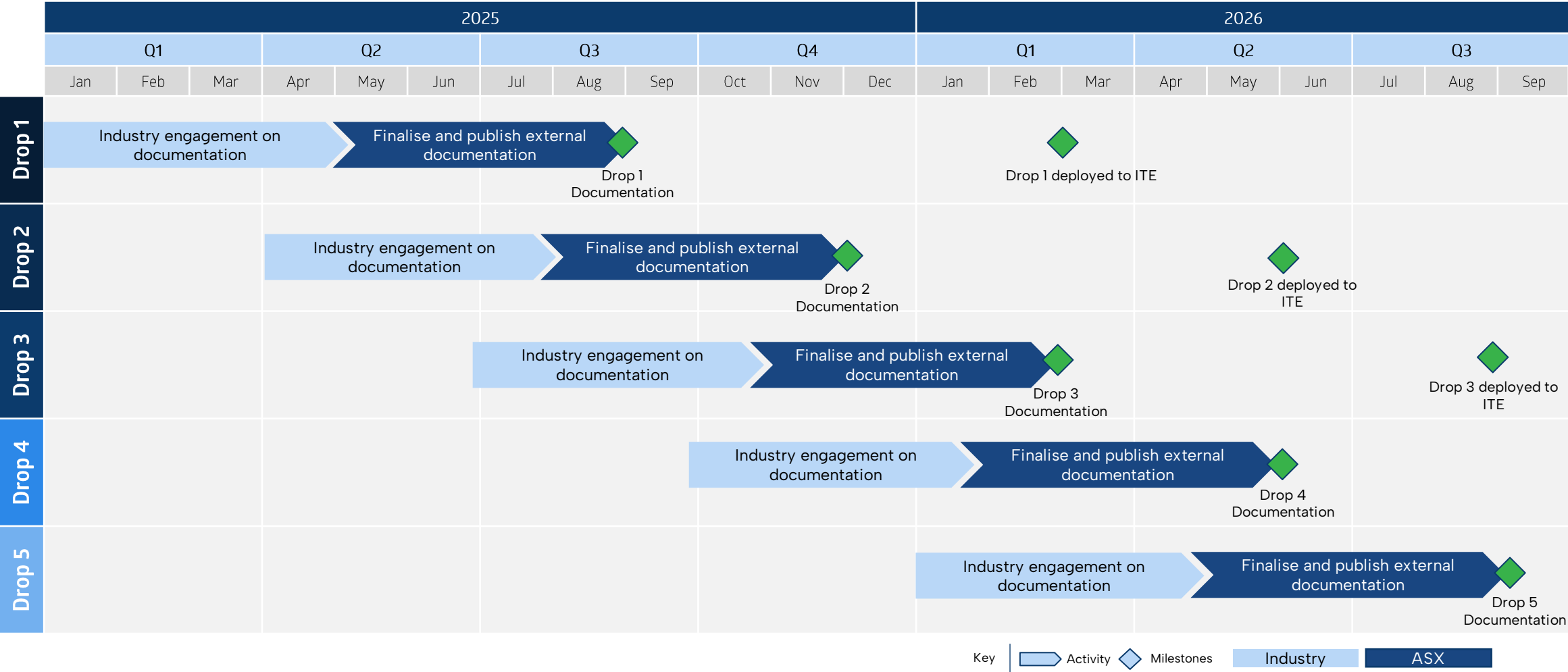
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Appendix A – Release 2 Roadmap and Indicative Timeline

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Appendix A – Indicative Industry Engagement Process for Documentation

Appendix B – Readiness Activities

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Appendix B – Release 1 Engagement Activities – Proposed 2025 Plan
Activities and Documentation to Support R1 Industry Readiness

Activity	Subject	Purpose	Planned Date	Status
Publish Documentation	Release 1 Industry Test Approach	Documentation describing the detailed industry test approach and expected activities of each involved party, as well as timing, entry and exit criteria and expected test outcomes of all Release 1 industry test phases	Q3 2024	Published 6 Sep 2024
Publish Documentation	Release 1 FIX Specifications	Documentation providing a detailed specification of all FIX messages, including message structures, rules, and message flow diagrams. Market-relevant specifications will be published in iterations as ASX analyses and completes designs for each drop	Q4 2024	Published 14 Nov 2024
Publish Documentation	Release 1 Connectivity Guide	Documentation detailing the technical connectivity requirements to connect to the CHESS replacement system, including connectivity method(s), network details and security details	Q4 2024	Published 17 Dec 2024
Engagement Activity	Release 1 ITE Open overview, including Industry Testing Activity and Progress Tracking	I&T WG session to provide overview of the opening of ITE, and discuss ASX proposed approach to tracking and reporting test phase activity	Q1 2025	Scheduled 27 Feb 2025
Publish Documentation	Release 1 AMO Accreditation Guide	Documentation providing detail on the CHESS replacement AMO Accreditation phase, expectations regarding conduct and expected results including the Accreditation process, connectivity, and message scenarios	Q1 2025	Tracking for end March 2025
Engagement Activity	Release 1 Operational Readiness Overview	I&T WG session to provide overview & discuss the prerequisites & process for completing the Operational Readiness phase	Q2 2025	Scheduled 29 April 2025
Engagement Activity	Release 1 Clearing Regression Overview	I&T WG session to provide overview & discuss the prerequisites & process for completing the Clearing Regression phase	Q2 2025	Scheduled 27 May 2025
Engagement Activity	Release 1 Cutover Overview	I&T WG session to provide overview & discuss the prerequisites & process for completing Release 1 cutover activities	Q2 2025	Scheduled 27 May 2025
Publish Documentation	Release 1 Clearing Regression Test Guide	Documentation detailing the minimum ASX-specified Clearing Regression test scenarios, key activities and expectations regarding conduct and expected results including entry and exit criteria	Q2 2025	
Publish Documentation	Release 1 Guide to Operational Readiness Phase	Documentation detailing the Operational Readiness scenarios including mandatory success criteria	Q2 2025	
Publish Documentation	Release 1 Cutover and Migration Approach	Documentation detailing the cutover and migration approach, key activities, responsibilities including all verifications and validations required by ASX and the market, and milestones across the cutover and dress rehearsal windows.	Q2 2025	
Engagement Activity	AMO Parallel Phase Overview	I&T WG session to provide overview & discuss the prerequisites & process for completing the Parallel Test phase	Q3 2025	
Publish Documentation	Release 1 Guide to AMO Parallel Test	Documentation providing detail on the Parallel Test phase, key activities and expectations and expected results including entry and exit criteria	Q3 2025	
Publish Documentation	R1 Cutover Runbook	Documentation providing AMOs with key tasks and milestones, with an outline of detailed steps including planned timing. The runbook will be used in dress rehearsals and refined as required ahead of the final go-live event. Note that the cutover runbook will also include the steps required to rollback	Q3 2025	

Note: Indicative only, subject to change based on industry inputs and further planning.

Key | Documentation | Overviews

Appendix B – Release 2 Readiness Activities – Proposed 2025 / 26 Plan
Activities and Documentation to Support R2 Industry Readiness

Activity Planned	Subject	Purpose	Planned Date
Engagement Activity	Release 2 Industry Test Tooling High Level Approach	I&T Working Group (I&T WG) workshop providing an overview of ASX planned approach to test environments, data, and tooling to enable CHESS User testing in Release 2, and discuss/identify unmet industry needs or challenges for additional consideration	Scheduled 27 Feb 2025
Engagement Activity	ISO20022 and Business Design Working Groups	Workshops to obtain industry input and feedback into the design of Release 2 ISO messages and specified CHESS functionality	Q4 2024 – Q2 2026
Engagement Activity	Release 2 Industry Test Tooling Focus Groups	I&T WG workshops to walk through Release 2 message initiation and response testing once ISO specifications and message workflows drafted. Schedule will incrementally follow collation of industry feedback to Drop 1 – 5 documentation	Q2 2025 – Q3 2026
Publish Documentation	ISO20022 Specifications & Functional & Technical Specs	Documentation providing a detailed specification of all ISO messages including message structures, rules message flow diagrams., and tooling to support testing ASX will target release this documentation incrementally in line with the 5 feature drops.	Q3 2025 – Q3 2026
Engagement Activity	Phase High Level Approach 1– Release 2 Parallel Test	I&T WG session providing high level overview of Release 2 Parallel Test Approach, to discuss/identify unmet industry needs for additional consideration	Q3 2025
Engagement Activity	Guide Overview 1– Release 2 Industry Test Approach	I&T WG session providing overview of draft Release 2 Industry Test Approach, to inform industry and obtain feedback prior to publishing	Q3 2025
Publish Documentation	Release 2 Industry Test Approach	Documentation describing the approach, responsibilities, timing, entry and exit criteria and expected outcomes for each Industry Test phase.	Q3 2025
Publish Documentation	Release 2 Connectivity Guide	Documentation detailing the technical connectivity requirements to connect to the CHESS replacement system including connectivity method(s), network details and security details.	Q4 2025
Engagement Activity	Phase High Level Approach 2– Release 2 Cutover & Rollback	I&T WG session providing high level overview of Release 2 Cutover & Rollback Approach, to discuss/identify unmet industry needs for additional consideration	Q3 2025
Engagement Activity	Release 2 Timeline Checkpoint 1	Gauge industry progress and obtain industry feedback to ascertain its ability to continue meeting the Release 2 project timeline following the release of the Industry Test Approach and initial Functional & Technical Specifications	Q4 2025
Engagement Activity	Activity and Progress Tracking Overview	I&T WG session to provide overview and discuss ASX proposed approach to tracking and reporting test phase activity	Q1 2026
Engagement Activity	Phase Overview 1– ITE Open	I&T WG session to provide overview & discuss the prerequisites + process for completing the Software Provider B&T Phase	Q1 2026
Engagement Activity	Guide Overview 2– Release 2 Connectivity Guide	I&T WG session providing overview of draft Release 2 Connectivity guide and process	Q1 2026
Engagement Activity	Guide Overview 3– Release 2 Failover & Recovery Guide	I&T WG session providing overview of draft Failover & Recovery guide, to inform industry and obtain feedback prior to publishing	Q3 2026
Publish Documentation	Release 2 Failover and Recovery Guide	Documentation providing information on failover testing, covering what components ASX will simulated–fail and proposed frequencies.	Q3 2026
Engagement Activity	Release 2 Timeline Checkpoint 2	Gauge industry progress and obtain industry feedback to ascertain its ability to continue meeting the Release 2 project timeline following the release of all Functional & Technical Specifications. Identify and incorporate agreed industry requirements into CHESS User test phases schedule	Q4 2026
Engagement Activity	Guide Overview 4– Release 2 Accreditation Guide	I&T WG session providing overview of draft Release 2 Accreditation Guide, to inform industry and obtain feedback prior to publishing	Q4 2026
Publish Documentation	Release 2 AMO Accreditation Guide	Documentation providing overview of the Release 2 Accreditation phase, including accreditation process, connectivity scenarios & message scenarios	Q4 2026

Note: Indicative only, subject to change based on industry inputs and further planning.

Key | Focus Groups | Documentation | Overviews | Checkpoints

Appendix B – Release 2 Readiness Activities – Proposed 2027 / 28 Plan
Activities and Documentation to Support R2 Industry Readiness

Activity	Subject	Purpose	Planned Date
Engagement Activity	Phase Overview 2 – Software Provider Readiness	I&T WG session to provide overview and discuss the prerequisites and process for completing the Software Provider Readiness Phase	Q1 2027
Engagement Activity	Guide Overview 5 – Release 2 Operational Readiness Guide	I&T WG session providing overview of draft Release 2 Operational Readiness Guide, to inform industry and obtain feedback prior to publishing	Q2–Q3 2027
Publish Documentation	Release 2 Guide to Operational Readiness Phase	Documentation outlining the Operational Readiness scenarios including mandatory success criteria.	Q3 2027
Engagement Activity	Phase Overview 3 – Release 2 Inflight Migration	I&T WG session to provide overview and discuss the approach to the Inflight Migration testing phase	Q3 2027
Engagement Activity	Phase Overview 4 – Release 2 Software Provider Accreditation	I&T WG session to provide overview and discuss the approach to the Software Accreditation phase	Q3 2027
Engagement Activity	Phase Overview 5 – Release 2 CHESS User Readiness	I&T WG session to provide overview and discuss the approach to the CHESS User Readiness phase	Q3 2027
Engagement Activity	Guide Overview 6 – Release 2 Parallel Test	I&T WG session to provide overview of draft Release 2 Parallel Test Guide, to inform industry and obtain feedback prior to publishing	Q3 2027
Publish Documentation	Release 2 Guide to Parallel Test	Documentation providing details of key activities and expectations regarding test and scope boundaries, expected results including entry and exit criteria.	Q4 2027
Engagement Activity	Guide Overview 7– Release 2 Cutover & Migration Approach	I&T WG session to provide overview of draft Cutover and Migration Approach, to inform industry and obtain feedback prior to publishing	Q4 2027
Publish Documentation	Release 2 Cutover and Migration Approach	Documentation detailing the cutover and migration approach, key activities and responsibilities.	Q4 2027
Engagement Activity	Cutover Date Focus Group	I&T WG session to identify the appropriate weekend/month that has broad industry support, to schedule Primary and Secondary cutover dates in 2029	Q4 2027
Engagement Activity	Guide Overview 8– Release 2 Guide to Industry Wide Testing	I&T WG session providing overview of draft Guide to Industry Wide Testing to inform industry and obtain feedback prior to publishing	Q1–Q2 2028
Publish Documentation	Release 2 Guide to Industry Wide Testing	Documentation providing an overview of the Release 2 Industry Wide Test phase, detailing key activities, expected behaviours, scope boundaries, and expected outcomes including entry and exit criteria	Q2 2028
Engagement Activity	Guide Overview 9– Release 2 Cutover Runbook	I&T WG session providing overview of draft Cutover Runbook to inform industry and obtain feedback prior to publishing	Q1–Q2 2028
Engagement Activity	Phase Overview 6– Release 2 Operational Readiness	I&T WG session to provide an overview and discuss the approach to the Operational Readiness phase	Q2 2028
Engagement Activity	Phase Overview 7– Release 2 Industry Wide Testing	I&T WG session to provide an overview and discuss the approach to the Industry Wide Testing phase	Q3 2028
Publish Documentation	Release 2 Cutover Runbook	Documentation providing CHESS Users with detail on the tasks, milestones and steps associated with cutover, including planned timing. The runbook will be used in dress rehearsals and refined as required ahead of the final go–live event. Note that this document will also include the steps required to backout.	Q2 2028
Engagement Activity	Phase Overview 8 – Release 2 Implementation Dress Rehearsals	I&T WG session to provide an overview and discuss the approach to Implementation Dress Rehearsal phase	Q3–Q4 2028
Engagement Activity	Phase Overview 9 – Release 2 Parallel Test	I&T WG session to provide an overview and discuss the approach to Parallel Test phase	Q3–Q4 2028
Engagement Activity	Go/No–Go and Rollback Decision Focus Group	I&T WG session to identify the appropriate decision framework that has broad industry support that will be employed during cutover activities	Q4 2028

Note: Indicative only, subject to change based on industry inputs and further planning.

Key | Focus Groups | Documentation | Overviews | Checkpoints

Appendix C – Initial Proposal on Optional versus Mandatory Nature of New Functionality

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Core clearing and settlement functionality (1 of 2)

Ref.	Feature for Accreditation	C&S Participant Accreditation	Settlement Only Participant Accreditation	Payment Provider Accreditation	Registry Accreditation	Proposed Implementation
1.1 1.2	Registration details & investor information > Standardised registration details > Additional data: email, mobile > Additional data: tax information: stored (e.g. ABN, ACN, FATCA) > Additional data: Bank details > Foreign ownership	Mandatory – 1a	Mandatory – 1a	N/A	Mandatory – 1c	At go-live
1.4	Issuer sponsored improvements	Mandatory – 1a	Mandatory – 1a	N/A	Mandatory – 1a	At go-live
1.5	ETF creations & redemptions	Mandatory – 1a (as applicable)	Mandatory – 1a (as applicable)	N/A	Mandatory – 1a	At go-live
2.6	Settlement improvements – participant group	Mandatory – 1a (Account Participants only)	N/A	N/A	N/A	At go-live
3.6	Corporate actions – bank account information (for takeovers)	Mandatory – 1a	Mandatory – 1a	N/A	Mandatory – 1a	At go-live
3.8	Corporate actions – sub-register state	Mandatory – 1a	Mandatory – 1a	N/A	Mandatory – 1a	At go-live
4.1	Changes to netting process – continuous netting	Mandatory – 1a	N/A	N/A	N/A	At go-live

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Appendix C – Initial proposal

Core clearing and settlement functionality (2 of 2)

Ref	Feature for Accreditation	C&S Participant Accreditation	Settlement Only Participant Accreditation	Payment Provider Accreditation	Registry Accreditation	Proposed Implementation
4.2	Changes to settlement process	Mandatory – 1a	Mandatory – 1a	N/A	N/A	At go-live
5.2	House/client segregation	Position accounts are mandatory – 1a Segregation of client positions are optional	N/A	N/A	N/A	At go-live or post go-live
5.4	Cum entitlement balance simplification	Mandatory – 1a	Mandatory – 1a	N/A	Mandatory – 1a	At go-live
–	Portfolio transfers (new)	Mandatory – 1c	Mandatory – 1c	N/A	N/A	At go-live
2.3	Standing instructions – payment limits (new)	N/A	N/A	Mandatory – 1d	N/A	At go-live
2.8	Payments – non-batch (new)	N/A	N/A	Mandatory – 1d	N/A	At go-live
4.5	Non batch DvP bilateral settlement (new)	Mandatory – 1d	Mandatory – 1d	N/A	N/A	Build & test phase, go-live shortly after

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Appendix C – Initial proposal

Functionality to enhance existing workflows

Ref	Feature for Accreditation	C&S Participant Accreditation	Settlement Only Participant Accreditation	Payment Provider Accreditation	Registry Accreditation	Proposed Implementation
2.1	Bilateral matching improvements – hold/release	Mandatory – 1b	Mandatory –1c	N/A	N/A	At go-live – explore opportunities to mitigate any risk on Day 1
2.2	Bilateral matching improvements – additional matching criteria	Field dependent – 1a and 2	Field dependent – 1a and 2	N/A	N/A	At go-live
3.1	Electronic dividend claims – diary adjustment improvements	Mandatory – 1a	Mandatory – 1a	N/A	N/A	At go-live
3.5	Electronic notification of payment advice – securities	Mandatory – 1a	Mandatory – 1a	N/A	Mandatory – 1a	At go-live
3.7	Corporate actions – holding adjustments (additional reason codes)	Mandatory – 1a	Mandatory – 1a	Mandatory – 1a	Mandatory – 1a	At go-live
3.10	Bid offeror automation	N/A	N/A	N/A	Mandatory – 1a	At go-live
4.3	Linking bilateral settlements	Mandatory – 1b	Mandatory – 1b	N/A	N/A	At go-live – explore opportunities to mitigate any risk on Day 1
4.4	Settlement lock for CHESS holdings	Mandatory – 1a (TBD)	Optional	N/A	N/A	At go-live – explore opportunities to mitigate any risk on Day 1

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Appendix C – Initial proposal

Functionality for additional services or reporting

Ref	Feature for Accreditation	C&S Participant Accreditation	Settlement Only Participant Accreditation	Payment Provider Accreditation	Registry Accreditation	Proposed Implementation
–	UI	Optional	Optional	Optional	Optional	At go-live
1.1	Registration details and investor information – Additional data: tax information: pass through (e.g. TFN)	Optional	Optional	N/A	Mandatory – 1c	At go-live
1.3	SRN enquiry & validation	Optional	Optional	N/A	Mandatory – 1a	At go-live
1.6	Continuous holding balance API	Optional	Optional	N/A	Optional	At go-live
1.7	Registry HIN validation – enquire for IPOs/cancelled HINs	N/A	N/A	N/A	TBD	At go-live
3.2 3.3	Corporate action election and acceptance processing > Rights/SPPs > DRP/BSP	Optional	Optional	N/A	Optional	Build & test, then phased go-live
5.3	Interoperability	N/A	N/A	N/A	N/A	ASX internal
2.4	Preliminary payment notifications	Optional	Optional	Optional	N/A	TBD
4.1	Changes to netting process – optional NNDP report	Optional	N/A	N/A	N/A	At go-live
3.5	Electronic notification of payment advice – cash	N/A	N/A	N/A	N/A	Post go-live

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Thank you.

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