DERIVATIVES SERVICE BUREAU

TECHNOLOGY ADVISORY COMMITTEE

2026 – MEETING 2

28 October 2026

MEMBER FINAL

Agenda

- **Governance**
  - Competition Law Reminder
  - Roll Call and Membership Changes
  - Update from the DSB Board Sponsor
  - TAC Chair Update
  - 2027 Proposed Meeting Dates
  - TAC Charter Update
  - Action Update
- **Existing Topics**
  - Industry Consultation Update
  - 2026 Plan on a Page
  - Upcoming DSB Releases
  - Disaster Recovery Testing
  - Global Agile Architecture
  - Acceptable Use Policy Breaches
  - UPI Data Quality Update
- **New Topics**
  - UPI Deprecation Work
  - Non-ASCII Characters: FDL Approach
  - Year-End Change Freeze
  - Script Update
- **Cyber Security**
  - Security Operations Centre
- **AOB**
- **Appendices**
  - A – TAC Committee Members
  - B – Meeting Schedule
  - C – Bulletin Board Items
  - D – Annual Checklists
  - E – DSB Change Process
  - F – UPI Adoption (reference)

Governance I of VIII – Competition Law Reminder I of II

The purpose of this protocol is to remind attendees of Derivatives Service Bureau (DSB) Limited ("DSB") Technology Advisory Committee, that all discussions at such meetings are subject to the application of EU, UK and other applicable national competition law ("Competition Law").

Individual attendees are responsible for observing the requirements of Competition Law and should make themselves familiar with their legal obligations and their own organization policies.

The DSB is committed to compliance with Competition Law and advises that TAC participants follow the guidance set out below in order to ensure that all meetings remain in compliance with Competition Law.

1. A meeting agenda will be circulated in advance of a meeting. Any objections to, or potential concerns about, the proposed agenda in relation to Competition Law compliance should be raised prior to the meeting if practicable

2. Attendees must stick to the prepared agenda during the meeting and avoid discussion about other topics

3. Attendees must not seek, discuss, communicate or exchange any commercially or other business sensitive information about their organization or relating to competitors (whether before, during or after meetings). This includes, for example, any non-public information relating to prices, costs, revenues, business plans/marketing activities, individual terms and conditions, risk appetite or any other information which is likely to reduce strategic uncertainty in the market (i.e. which might result in less intensive competition than would normally occur)

4. Attendees must not reach any sort of agreement or understanding that is unlawful due to competition law (e.g. unlawful horizontal agreement, unlawful vertical agreement)

Governance II of VIII – Competition Law Reminder II of II

5. The TAC Secretariat will take minutes of the meeting, and supply these to each attendee in due course.
6. If the Chair considers that a discussion at the meeting may be inappropriate from a Competition Law perspective, he or she shall raise an objection and promptly bring that part of the discussion to an end. If another attendee, or the DDO, is concerned about a discussion from a Competition Law perspective, he or she shall bring it to the attention of the Chair, who will promptly bring that part of the discussion to an end. If other attendees attempt to continue that discussion, the Chair shall bring the meeting to an end. Every attendee is allowed to immediately leave the meeting in such situations. All such situations must be properly recorded in the minutes.
7. The minutes of the meeting must subsequently be read and approved by the attendees. If any matter discussed is not recorded in the minutes, or is recorded incorrectly, any attendee may raise an objection in writing and request an amendment.
8. Similar principles should be observed for any group email exchanges or other online group discussions operated by DSB, including those pertaining to TAC matters.

We remind attendees that breaching Competition Law has serious potential consequences for them as individuals and their organizations. Such consequences may include heavy fines, liability to pay compensation to affected individuals and businesses and, in certain cases, the imposition of criminal penalties, director disqualification orders and disciplinary action.

Governance III of VIII – Roll Call and Membership Changes

The DDO will undertake the roll call.

New TAC members

- Rosen Bozhinov, Regulations Senior Specialist from Bloomberg
- Kacper Gasienica, Market Data Expert from SEB
- Shruthi En, Vice President from Goldman Sachs

Departing TAC members

- Chris Pulsifer, former TAC Chair from Bloomberg
- Torbjörn Cronbladh, Market Data Specialist and Product Owner from SEB

- Ed Sligting, Technology Lead from Rabobank
- Felix Ertl, VP, Legal from BVI
- Neil Vernon, Chief Product Officer from Gresham
- Zintis Rullis, Senior Technical Specialist from Refinitiv MTF

Thank you

The DSB thanks the departing members for their contribution to the TAC. The updated member list is in Appendix A.

Governance IV of VIII – Update from the DSB Board Sponsor

The DSB Board Sponsor, Marc Honegger would like to introduce the new charter term.

Governance V of VIII – TAC Chair Update

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Current position

- Chris Pulsifer (Bloomberg) has completed his term as TAC Chair
- Andy Hughes (DSB) will act as interim Chair until a new Chair is appointed
- Thank you to Chris for his work and leadership of the TAC during his term

Call for nominations

- TAC members are invited to put forward nominations for the Chair position
- Members are asked to support further outreach to identify candidates

Governance VI of VIII – 2027 Proposed Meeting Dates

The DSB would like to take the opportunity to propose two of the three meeting dates for 2027. Unfortunately, the Industry Consultation timeline is not currently known so the TAC review meeting, which forms part of that timeline, cannot be proposed at this time.

Date	Description	Time
Wednesday 24 Mar 2027	**2027 Meeting 1**	**1pm GMT (1pm UTC, 2pm CET, 9am EDT)**
TBC	**2027 Industry Consultation**	**1pm BST (12pm UTC, 2pm CEST, 8am EDT)**
Wednesday 27 Oct 2027	**2027 Meeting 2**	**1pm BST (12pm UTC, 2pm CEST, 8am EDT)**

TAC Decision: Are the two proposed TAC meeting dates acceptable to the TAC members?

Governance VII of VIII – TAC Charter Update

Charter updates

- The DSB IRG charters are now aligned; the new TAC Charter runs from **1 October 2026 to 31 December 2029**
- Full Charter on the DSB website: www.anna-dsb.com/download/technology-advisory-committee-charter/

Key changes

Area	What's changed
Term	Runs to 31 Dec 2029; all terms now end 31 Dec, in line with other Industry Representation Groups
Scope	Advises DSB Management as well as the Board; wider remit incl. roadmap, resilience, APIs, infosec.
Membership	Up to 30 voting members plus Chair; up to 5 non-voting Trade Associations; authorities apply for observer status (ISIN and UPI); Chair appointed by Board, not Sponsor
Engagement	Attendance logged and reportable to Board; Board can reconstitute TAC, appoint cover and add temporary experts
Decisions	Quorum is a simple majority (was 12); consensus first, then majority vote with Chair's casting vote; email decisions allowed; silence counts as support if inquorate
DDO role	DDO sets up, appoints and chairs subcommittees (previously the TAC)
Costs	Fixed estimate (~€87k + 0.25 FTE) removed; funded from BAU budget; meetings virtual
Transparency	Minutes under Chatham House rule (were attributable); approved by voting members before publication
Competition law	Protocol covers all DSB meetings; DDO and Sponsor can also halt discussions

Governance VIII of VIII – Action Update

Action	Description	Update	Slide#
2503-004	TAC Secretariate to formalise the in-meeting voting process	In Progress	
2510–007	All TAC members to review the charter and provide feedback at the March 2026 meeting.	Completed	9
2510–008	TAC members to provide any further thoughts on AI use cases to the DSB.	No feedback received, Closed	N/A
2603-001	All TAC Members to submit their votes on the three decisions by responding to the email votes.	Completed	N/A
2603-002	DSB Secretariat to follow up offline on a question submitted via the meeting Q&A which was not addressed during the call.	Completed	N/A
2603-003	All TAC Members to consider any proposed changes to the TAC charter ahead of the next charter period commencing in October and submit suggestions to the Secretariat.	Completed	9
2603-004	TAC Secretariat to follow up on the Q&A question raised by on of the industry attendees	Completed	N/A

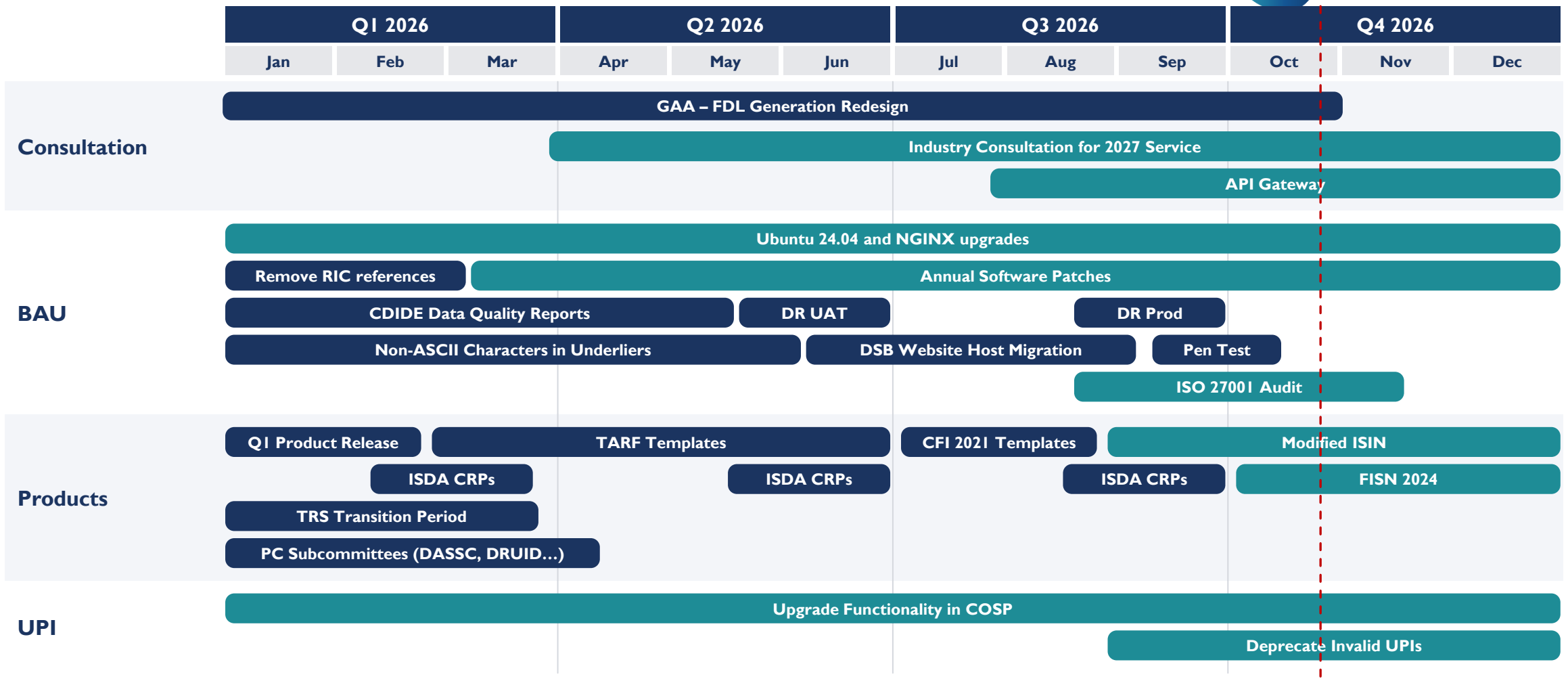
Existing Topics - Industry Consultation Update

The 2027 DSB OTC ISIN, UPI and CFI industry consultation marked an important shift for the DSB into a discovery led phase of engagement aiming to deepen the knowledge of the user base and the broader ecosystem. The aim is to understand workflows, data usage, user needs and the application of the Distributor model.

Topics consulted on

- **Fair allocation of cost recovery:** the DSB explored – but did not formally propose – a new Full File Download (Full FDL) user type pending outcome of the discovery phase
- **Tiering of Distributor User Types:** following the introduction of a new Distributor user type in January 2026, the DSB anticipate refining the Distributor model, including the potential introduction of a tiering structure, pending outcome of the discovery phase
- **Acceptable Usage Policy Breaches:** introducing mechanisms for refining breach classifications as a means of reducing DSB monitoring and support costs
- **Alternative Identifiers:** analysing the utilisation of Alternative Identifier functionality with consideration given to the fair allocation of cost principle
- **Engagement with the DSB:** participating in bilateral conversations taking a holistic review of the DSB user model

Existing Topics - 2026 Plan on a Page



PUBLIC

Existing Topics - Upcoming DSB Releases

Title	Description	UAT	Prod	Breaking Y/N
File Download Modernisation – Delta Files	New FDL generation process for delta files.	Complete	24 October 2026	N
File Download Modernisation – Weekly Snapshots	Snapshot files follow the delta file delivery.	ISIN 22 Mar / UPI 5 Apr 2026	ISIN 11 Apr / UPI 25 Apr 2026	N
FISN – Other and Commodities	Update of ISO FISN standard to 2024 version.	18 October 2026	31 October 2026	N
UPI Deprecation – Phase 1	Phased deprecation of UPI templates. Dates not yet agreed; subject to TAC feedback.	Q1 2026	Q2 2026	Y
Year-End Change Freeze	No Production changes during the freeze window.	N/A	6 Dec 2026 – 11 Jan 2027	N/A

DSB Release Notes Page: https://www.anna-dsb.com/release-notes/

Existing Topics – Disaster Recovery Testing

The DSB tests Disaster Recovery (DR) annually on UAT and Production by failing over from the primary to the secondary region and running services. The DSB's Recovery Time Objective (RTO) is 4 hours, the Recovery Point Objective is 0 (no data loss).

2026 Progress

Environment	From	To	Duration	RTA	RPO	Result
UAT	6 Jun 2026	7 Jun 2026	12 Hours	2 hours 13 mins	0	Success
Production	5 Sep 2026	19 Sep 2026	2 weeks	2 hours 7 mins	0	Success

Notable outcomes and next steps

- Disaster recovery testing for 2026 is now complete
- Key takeaway – Latency impact & additional runbook step

2027 Testing Plans

- 2027 DR test dates to be published with the 2027 release calendar, provisional dates:
  - UAT June 2027 – Extended DR
  - Prod September 2027 – Extended DR
- Note: Historical results are recorded in Appendix D3 – Disaster Recovery Testing

Existing Topics – Global Agile Architecture I of II

October 2026 update

The subcommittee has not met since the June TAC.

File Download Modernisation (FDL Generation Redesign)

- Delta files: delivered to UAT (ISIN 22 Mar, UPI 5 Apr 2026) and Production (ISIN 24 Oct, UPI 24 Oct 2026)
- Snapshot files: In Progress, Production targeted for 28 Nov 2026

Atlas Migration – Atlas Search

- CFI indexing issue raised with MongoDB:

FIX & ReST API Gateways and FDL Access & Storage

- API Gateway is in progress, with a production release scheduled for 28 November.
  - Please note, that this will not impact any users, as the DSB will continue to use NGINX until a time is decided to decommission NGINX.
- FDL Access & Storage is in analysis and will be progressed in Q1 2027.

Existing Topics – Global Agile Architecture II of II

The GAA subcommittee's proposal was discussed during the March TAC meeting, the TAC endorsed the GAA's proposal and a recommendation was made to the DSB Board. The following points were subsequently approved by the DSB Board in April 2026:

GAA Proposal:

1. Move the DSB from active-passive to active-active
2. Extend out to three regions, instead of the current two
3. Introduce a data and tooling backup to a non-AWS cloud

Existing Topic – Acceptable Use Policy Breaches

Outcome: The DSB Board approved the TAC proposal at its meeting on 28 July 2026. The changes will be added to the DSB roadmap, with delivery expected in Q1–Q2 2027.

Reminder – the TAC proposal

Change	What it does
Reclassify data errors	Invalid data (e.g. incorrect or non-valid ISINs) counts towards a user's Create/Search limits rather than Invalid Messages
Clearer response messages	Error responses made clearer, more specific and actionable so users can self-correct and avoid repeat errors
Encourage pre-validation	Guidance on free JSON schema validation tools added to breach notifications and the Rules of Engagement

Cost: one-off build cost of €63k across the UPI and OTC ISIN services; comprising €42k for UPI and €21k for OTC ISIN, with no ongoing operational cost impact.

Not taken forward: trimming leading and trailing spaces on underliers; the TAC judged it not worth the build cost.

Not in scope: financial penalties for persistent breaches. Consultation feedback asked that any future penalty proposal targets persistent, material or high-volume breaches and is subject to full industry consultation.



Existing Topics – UPI Data Quality Update

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Data quality improvements delivered in 2026

- Equity indices no longer supported as an underlier (31 Jan 2026)
- 'Total Return' removed from Equity Price Return templates after the TRS transition (28 Mar 2026)
- Non-ASCII characters blocked in underliers (Production 30 May 2026)
- BGN currency code work complete; deprecated ISO currency codes flagged to users

Outcomes of discussions with CDIDE

- PC review of the data quality issues identified by CDIDE is complete; the conclusions, recommendations and supporting best-practice guidance have been shared with CDIDE for feedback.
- Work is progressing from guidance into remediation, including deprecation of invalid UPIs and product-template changes to prevent further invalid creation.

Underlying deprecation activity

- Review of UPI templates and attribute values no longer used or no longer valid: 51 templates identified

Planned UPI work and timeline

- Retrospective update of UPIs with non-ASCII characters (see New Topics): date TBC
- Phased UPI template deprecation planned for April and October 2026, for TAC discussion on the next slide

New Topics I of IV – UPI Deprecation I of IV

Some UPI templates allow combinations the Product Committee has agreed are invalid, so invalid UPIs keep being created. Cleaning up existing UPIs is not enough on its own: the templates also have to change.

The problem

29,167

invalid UPIs created since October 2023, found in the PC's data quality review with the CDIDE

Background

Fix 1: clean up · November 2026

29,167

existing invalid UPIs deprecated. **All remain retrievable;** only their status changes to deprecated

For information

Fix 2: stop at source · 2027

51

template changes, plus underlier changes, so invalid UPIs can no longer be created. **All are breaking changes**

TAC feedback requested

Today's ask: do members support how the DSB proposes to split the 2027 breaking changes across April and October, and is the notice and UAT period workable?

New Topics I of IV – UPI Deprecation II of IV

Every change here is breaking: requests that are accepted today will be rejected once the change is live.

7

Template decommissions

Templates removed. New UPIs move to the replacement template (for example, Credit Forward Non-Standard moves to Rates Forward Debt).

44

Template validation changes

Tighter rules on existing templates: CFDs and spreadbets cash settled only, Settlement Currency required, Place of Settlement Hong Kong only.

3

Underlier changes

Commodity (CRP) template change so retired values can be blocked, then retirement of currency and rates underlier values.

What this means for your firm

- Update request mappings and any validation against the DSB JSON schemas
- Move new business off decommissioned templates
- Test in UAT during the three months before each release
- Existing UPIs are not changed and remain retrievable

Template detail by asset class: Appendix H2. CRP change: Appendix H3. The 19 non-breaking tooltip changes are not included.

New Topics I of IV – UPI Deprecation III of IV

Proposal: make the changes that stop most invalid UPIs first

Release 1 – April 2027

Notice October 2026 · UAT from January 2027

- **7 template decommissions** (Rates 3, FX 3, Credit 1)
- **Hong Kong-only Place of Settlement** (FX 2, Other 2)
- **CRP underlier template change**
- Settlement Currency on standard FX templates

Release 2 – October 2027

Notice April 2027 · UAT from July 2027

- **Remaining template validation changes** (up to 42)
- **Currency and rates underlier retirement**

~87% of the 29,167 invalid UPIs come from the templates changed in Release 1 (25,335)

Full notice and UAT period for the larger set of changes, with nothing else breaking in either window

Settlement Currency must be live before NDF, NDO and ND FX Swap are decommissioned, so it joins Release 1. Dates: 2027 Product Breaking Change Schedule (slide 12).

New Topics I of IV – UPI Deprecation IV of IV

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Questions for TAC members

1. Do you support the Release 1 scope: decommissions, Hong Kong Place of Settlement and the CRP change?
2. Is six months' notice and three months' UAT workable for your firm?
3. Can your firm absorb up to 42 template changes in October 2027, or should some move to April 2028?
4. Any concerns with the November 2026 deprecation?

Next steps

After this meeting
DSB posts the release allocation on the TAC Bulletin Board for feedback

October / November 2026
Release 1 industry notice [28 October 20276]

November 2026
29,167 invalid UPIs deprecated [21 November 2026]

January 2027
Release 1 in UAT

New Topics II of IV – Non-ASCII Characters: FDL Approach

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Background

Since the Non-ASCII Characters in Underliers release (UAT 10 May, Production 30 May 2026), new records can no longer be created with non-ASCII characters. UPIs created before that date still hold them (actual number of affected records will be provided during the meeting).

Proposal: retrospective update of existing UPIs

- Replace non-ASCII characters in affected UPI records with their ASCII equivalents
- UPI codes stay the same; only the affected derived values change

Proposed File Download (FDL) approach

- Updated records published as amendments in the daily delta file for the day of the update
- Full snapshot files reflect the corrected values from the next snapshot run
- DSB to publish the list of affected UPIs in advance so firms can reconcile

Implementation

- UAT first, then Production in a weekend release window: [dates TBC]
- Industry notice via Release Notes ahead of the UAT change

TAC question: do members support the retrospective non-ASCII characters update and the FDL approach?

New Topics III of IV – Year-End Change Freeze

The DSB will apply its annual year-end change freeze to the Production environment. Industry was notified of this via email[1] on 22 September 2026.

What to expect during the freeze

- No planned changes or releases to the Production environment
- Emergency fixes only, raised through the DSB Change Process (See Appendix F)

Key dates:

- **Freeze starts:** 00:30 UTC Sunday 13 December 2026
- **Freeze ends:** 00:30 UTC Sunday 10 January 2027

Please note: The first weekend that can be considered for a planned production change will be Saturday 16 January 2027.

[1] https://www.anna-dsb.com/download/2026-09-22-reminder-notification-information-only-2026-change-freeze-notification-production-environment/

New Topics IV of IV – SubCommittee for RedesIgning Product Templates (SCRiPT) Update I of II

Introduction

Following the last TAC meeting the DSB undertook an outreach to the TAC members to form a new subcommittee which was established to:

1. Understand the problems industry participants are experiencing with the current templates, in their own terms.
2. Establish a set of principles for future template design.
3. Produce a documented, prioritised record of industry feedback that can be taken forward through the appropriate DSB governance and consultation channels.

The DSB would like to thank the following TAC members for agreeing to support the new subcommittee:

Institution	Name	Position / Title	Role
ECB	Grzegorz Skrzypczynski	Senior Data Science Expert	Observer
Bank of America	Ramesh Thurumella	Director, Senior Technology Manager	Member
Deutsche Bank AG	Amit Bairagi	Vice President	Member
DTCC	Danie Thomas-Joyson	Executive Director, Repository & Derivatives Services	Member
Goldman Sachs	Shruthi En	Vice President	Member
HSBC	James Cowie	Americas Product Owner - Regulatory Reporting	Member
National Bank of Canada	Mike-Hans Mathieu	Senior Advisor	Member
Tradeweb	Elodie Cany	Director, Technology Product Development	Member

New Topics IV of IV – SubCommittee for RedesIgning Product Templates (SCRiPT) Update II of II

The subcommittee is working to the following meeting schedule; the table includes a description of each of the meetings:

Date	Description	Time
Thursday 24 September 2026	Session 1 – Set up	13:00 BST (12:00 UTC, 08:00 EDT, 14:00 CEST, 20:00 SGT)
Thursday 8 October 2026	Session 2 – Industry Deep Dive	13:30 BST (12:30 UTC, 08:30 EDT, 14:30 CEST, 20:30 SGT)
Thursday 22 October 2026	Session 3 – Solution Options	13:30 BST (12:30 UTC, 08:30 EDT, 14:30 CEST, 20:30 SGT)
Thursday 5 November 2026	Session 4 – Assessment	13:30 GMT (13:30 UTC, 08:30 EST, 14:30 CET, 21:30 SGT)
Thursday 19 November 2026	Session 5 – Conclusions	13:30 GMT (13:30 UTC, 08:30 EST, 14:30 CET, 21:30 SGT)
Thursday 3 December 2026	Session 6 – Contingency	13:30 GMT (13:30 UTC, 08:30 EST, 14:30 CET, 21:30 SGT)

The priority focus items from the first few sessions were as follows:

- Standardisation of templates, input attributes between ISIN and UPI, reduction in the overall number of templates
- DSB Release Procedures

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CYBER SECURITY

Cyber Security Update – SOC (Security Operations Centre)

- The SOC became operational in the production environment on 1 January 2025.
- Since the start of 2026, the SOC has processed and responded to 22k security alerts, with all security incidents resolved within established service targets.
- The SOC is now operating as a mature capability, providing continuous monitoring, incident detection, and response services that enhance the DSB's overall security posture and operational resilience.
- Following Board feedback on cyber security, the DSB would like to engage further with the TAC on cyber security topics and gauge industry risk appetite. Some key point for discussion;
  - Attackers are much faster now. AI means weaknesses can be found and exploited within hours rather than weeks.
  - Attacks on financial firms are rising, especially ransomware.
  - More attacks come in through suppliers and software we depend on, not directly at us.
  - Geopolitical tension is making market infrastructure a bigger target.
  - Regulators and clients expect more.
- The TAC's input will inform the DSB's response to the Board.

AOB

- **ESMA Data Day 24 November 2026**

ESMA will hold its Data Day on Tuesday 24 November 2026 with attendance available both online and in-person in Paris. The agenda covers a range of data topics, a draft agenda with confirmed speakers is available here:
https://www.esma.europa.eu/sites/default/files/2026-09/Data_day_2026_-_Agenda.pdf
Registration for in-person attendance closes on 30 October 2026.
https://www.esma.europa.eu/data-day-2026-registration

Further TAC Information:

Website:	https://www.anna-dsb.com/technology-advisory-committee/
Members:	https://www.anna-dsb.com/technology-advisory-committee-members/
Charter:	https://www.anna-dsb.com/download/technology-advisory-committee-charter/

Appendices

- A – TAC Committee Members
- B – TAC Meeting Schedule
- C – TAC Bulletin Board Items
- D – Annual Checklists
  - D1 – Software Version Levels
  - D2 – Penetration Testing
  - D3 – Disaster Recovery Testing
- E – DSB Change Process
- F – UPI Adoption (reference only)

Appendix A – TAC Committee Members

Institution	Category	First Name	Last Name	Position / Title
Bank of America	Industry	Ramesh	Thurumella	Director, Senior Technology Manager
BGC Partners	TV	Jimmy	Chen	Development Manager
Bloomberg	Industry	Rosen	Bozhinov	Regulations Senior Specialist
Citigroup	Industry	Souvik	Deb	VP, Regulatory Reform
Deutsche Bank AG	Industry	Amit	Bairagi	Vice President
DTCC	Industry	Danie	Thomas-Joyson	Executive Director, Repository & Derivative Services
FIX	Industry	Lisa	Taikitsadaporn	FIX Global Technical Committee
Goldman Sachs	Industry	Shruthi	En	Vice President
HSBC	Industry	James	Cowie	Americas Product Owner - Regulatory Reporting
JP Morgan	Industry	Atara	Sender-Stein	Vice President, Software Engineering
Morgan Stanley	Industry	Chandrashekar	Aswath Narayana	Senior Manager, Technology
National Bank of Canada	Industry	Mike-Hans	Mathieu	Senior Advisor
Point Nine	Industry	Antreas	Artemiou	Chief Product and Technology Officer
SEB	Industry	Kacper	Gasienica	Market Data Expert
SIX Group Services AG	Industry	Richard	Gee	Head of Product Provisioning and Delivery
SmartStream	Industry	Vishal	Joshi	Head of Technologies – Reference Data Services
Standard Chartered Bank	Industry	Wemimo	Onasanya	ISIN Data Platform Manager
State Street FX Connect	TV	Stuart	Oliver	FX Connect MTF Product Manager
Tahoe Blue Ltd	Industry	Jefferson	Braswell	Founding Partner
Tradeweb	TV	Elodie	Cany	Director, Technology Product Development
UBS	Industry	James	Colquhoun	Market Regulation Domain Architect

Observers

Organisation	Name	Position / Title
CFTC	Robert Stowsky	IT Specialist
ECB	Grzegorz Skrzypczynski	Senior Data Science Expert
FCA	Paul Everson	Senior Associate – Market Oversight
JSDA	Eiichiro Fukase	Senior Research Fellow, Center for Studies of Finance and Securities

DSB TAC Sponsor: Marc Honegger, DSB Board Member

DSB TAC Chair: TBC

Designated DSB Officer: Andy Hughes, DSB Management Team

DSB TAC Secretariat: Cristina Scurr, DSB PMO

Appendix B - TAC Meeting Schedule

The following shows the TAC meeting dates & times for 2026:

Date	Description	Time
Wednesday 25 Mar 2026	2026 Meeting 1	1pm GMT (1pm UTC, 2pm CET, 9am EDT)
Wednesday 17 Jun 2026	2026 Industry Consultation	1pm BST (12pm UTC, 2pm CET, 8am EST)
Wednesday 28 Oct 2026	**2026 Meeting 2**	**1pm GMT (1pm UTC, 2pm CET, 9am EDT)**

Appendix C – TAC Bulletin Board Items

The following table details the active TAC Bulletin Board topics:

Created	Updated	Title	Posts	Link
15/03/2022	21/10/2026	DSB Software Version Levels	6	https://www.anna-dsb.com/bulletin-board/tac-forum/dsb-software-version-levels/#post-346

Please note: All historical topics remain on the bulletin board, only the ones deemed active have been listed above for reference

Appendix D – Annual Checklists

The following table details the items which will be checked on an annual basis:

Appendix	Item	Last Review	Next Review	Comments
D1	Software Version Levels	Oct 2026	Oct 2027	
D2	Penetration Testing	Oct 2026	Oct 2027	
D3	Disaster Recovery Testing	Oct 2026	Oct 2027	

Appendix D1 - Software Version Levels

The DSB's software version policy is to remain within one major version of the latest version in industry.

This is to ensure that we remain current particularly in relation to security updates.

All upgrades are anticipated to be transparent to the DSB user base (i.e.: backwardly compatible)

The key software versions are available to the TAC members via the bulletin board via the following link:

https://www.anna-dsb.com/bulletin-board/tac-forum/dsb-software-version-levels/#post-346

Appendix D2 – Penetration Testing

This table below details the DSB's Penetration Testing history:

Environment	Start	End	Description	Outcome	Notes
UAT	21 September 2026	1 October 2026	S-RM	Success	
UAT	22 October 2025	4 November 2025	S-RM	Success	
UAT	02 April 2024	12 April 2024	FSP	Success	
UAT	04 February 2023	19 February 2023	Jumpsec	Success	
UAT	28 November 2022	02 December 2022	Jumpsec	Partial	
UAT	29 November 2021	03 December 2021	Jumpsec	Success	
UAT	03 December 2020	09 December 2020	Jumpsec	Success	
UAT	02 December 2019	09 December 2019	AON	Success	
UAT	04 December 2018	12 December 2018	Gotham Digital Science	Success	
UAT	15 September 2017	22 September 2017	Gotham Digital Science	Success	

Appendix D3 – Disaster Recovery Testing I of II

This table below details the DSB's DR testing history:

Env	Start	End	Description	Outcome	RTA	Data Loss	Notes
Prod	05/09/2026	19/09/2026	Full migration of the DSB service to the DR region using the PROD environment and reverse DR Flow	Success	2 hours 7 mins	None	Extended two-week test, deferred from November 2025
UAT	06/06/2026	07/06/2026	Full migration of the DSB service to the DR region using the UAT environment and reverse DR Flow	Success	2 hours 13 mins	None	Weekend test with a 12-hour user testing window
Prod	15/11/2025	29/11/2025	Full migration of the DSB service to the DR region using the PROD environment and reverse DR Flow	Cancelled	N/A	N/A	Extended test deferred after the AWS outage of 20 October 2025, pending the AWS root cause statement
Prod	01/11/2025	02/11/2025	Full migration of the DSB service to the DR region using the PROD environment and reverse DR Flow	Success	2 hours 10 mins	None	Weekend test to prove connectivity post a/c migration and new AGA prior to extended test
UAT	05/10/2025	19/10/2025	Full migration of the DSB service to the DR region using the UAT environment and reverse DR Flow	Success	1 hour 48 mins	None	
UAT	20/09/2025	21/09/2025	Full migration of the DSB service to the DR region using the UAT environment and reverse DR Flow	Success	2 hours 28 mins	None	Weekend test to prove connectivity post a/c migration and new AGA prior to extended test
Prod	24/11/2024	25/11/2024	Full migration of DSB service to the DR region using the UAT environment, including ToTV and reverse DR flow	Success	3.5 hours	None	Postponed due to UAT issue & to allow single global cluster implementation. Shorter duration weekend test to reduce client connectivity risk. Successful test.
UAT	09/11/2024	10/11/2024	Full migration of DSB service to the DR region using the UAT environment, including ToTV and reverse DR flow	Success	3.5 hours	None	Shorter duration test over the weekend, delayed due to client retests and single global cluster implementation. Successful test achieving RTA 3.5 hours

Appendix D3 – Disaster Recovery Testing II of II

…Testing history continued:

Env	Start	End	Description	Outcome	RTA	Data Loss	Notes
UAT	15/06/2024	29/06/2024	Full migration of DSB service to the DR region using the UAT environment, including ToTV and reverse DR flow	Partial Success	3.5 hours	None	Test postponed, rescheduled for June. 2 clients experienced connectivity issues, retest required. RTA 3.5 hours; RPO No data loss
PROD	06/08/2023	06/08/2023	Internal failover/failback test	Success	N/R	N/R	Internal test only, no clients involved
UAT	17/02/2023	04/03/2023	Full migration of DSB service to the DR region using the UAT environment, including ToTV and reverse DR flow	Success	N/R	N/R	One client connectivity issue observed, RTO met.
UAT	19/11/2022	03/12/2022	Full migration of DSB service to the DR region using the UAT environment, including ToTV and reverse DR flow	Postponed	N/R	N/R	Issue identified due to changes made
UAT	16/072021	10/09/2021	Full migration of DSB service to the DR region using the UAT environment	Success	N/R	N/R	Runbook revised and optimised

APPENDIX E – DSB CHANGE PROCESS

- **Background:**

- Following the service outage in August 2022, the DSB reviewed the Technology Change management process and introduced a new governance forum, the Change Advisory Board (CAB), the first CAB was held on 21st September 2022

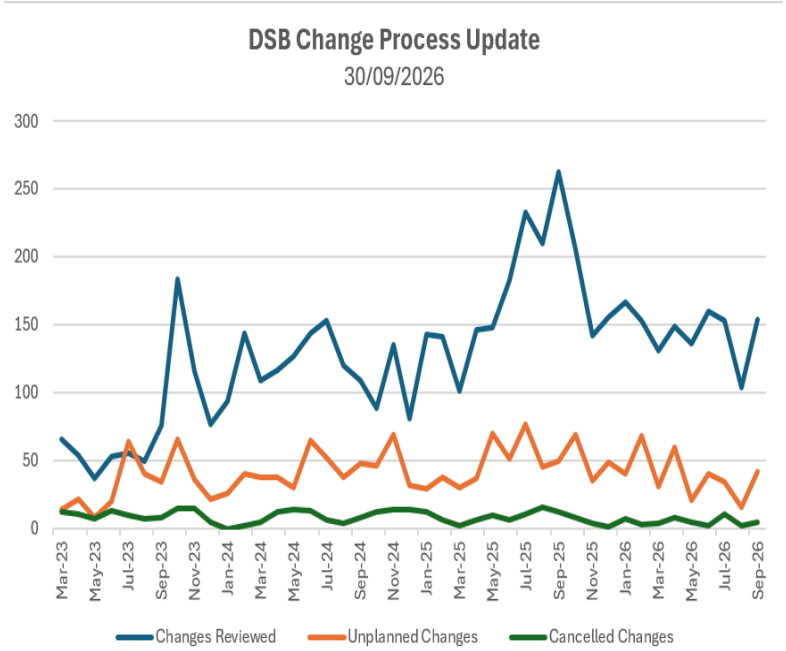
- The CAB covers change in any of the DSB's customer facing environments: UAT, UAT-DR, UAT2, PROD, PROD-DR

- The CAB meets every week to review changes to these environments

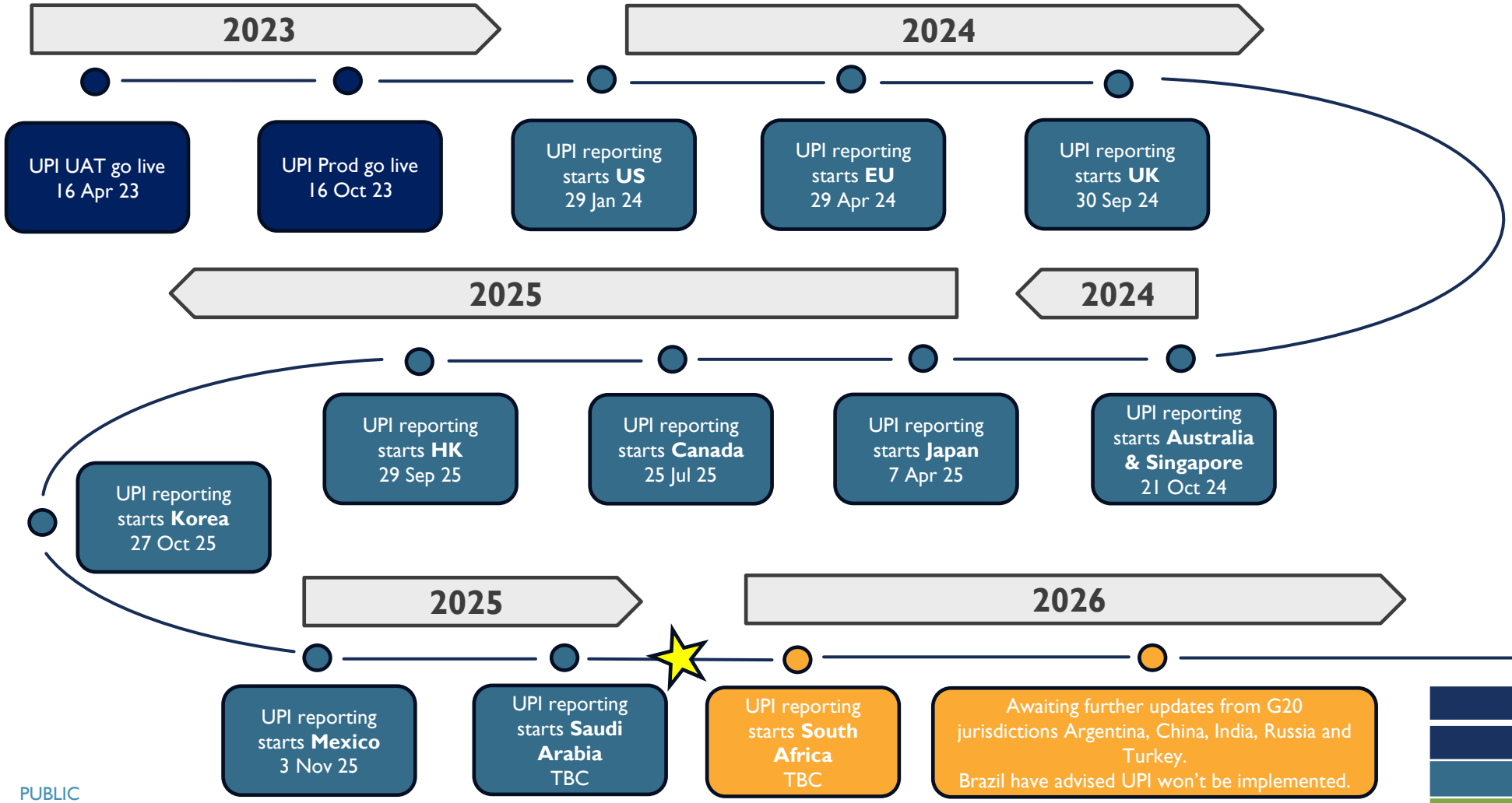
- This topic provides an update on the change volumes observed since the new forum began

- The data was collected to 30 September 2026

Jul-25	233	77	11
Aug-25	210	45	16
Sep-25	263	50	12
Oct-25	206	69	8
Nov-25	142	35	4
Dec-25	156	49	1
Jan-26	167	40	7
Feb-26	153	68	3
Mar-26	131	31	4
Apr-26	149	60	8
May-26	136	21	5
Jun-26	160	40	2
Jul-26	153	34	11
Aug-26	104	16	2
Sep-26	154	42	5



Appendix F – UPI Adoption (reference only)



Good to know

The DSB publishes a list of the UPI consultations and rules issued to date by the various jurisdictions on its website here: Regulatory Use of the ISIN, UPI, CFI and FISN.

Key

- DSB Activity
- Mandate in place
- Upcoming mandate
- Mandate TBC

PUBLIC