

# S1000D User Forum

## S1000D Steering Committee Report

**Andre Evans, S1000D SC Chair**  
**Sierra Fisher, S1000D SC Vice Chair**  
**Joakim Lundqvist, S1000D SC Secretary**

June 20-22, 2022  
Renton, Washington  
[sc-chair@members.s1000d.org](mailto:sc-chair@members.s1000d.org)

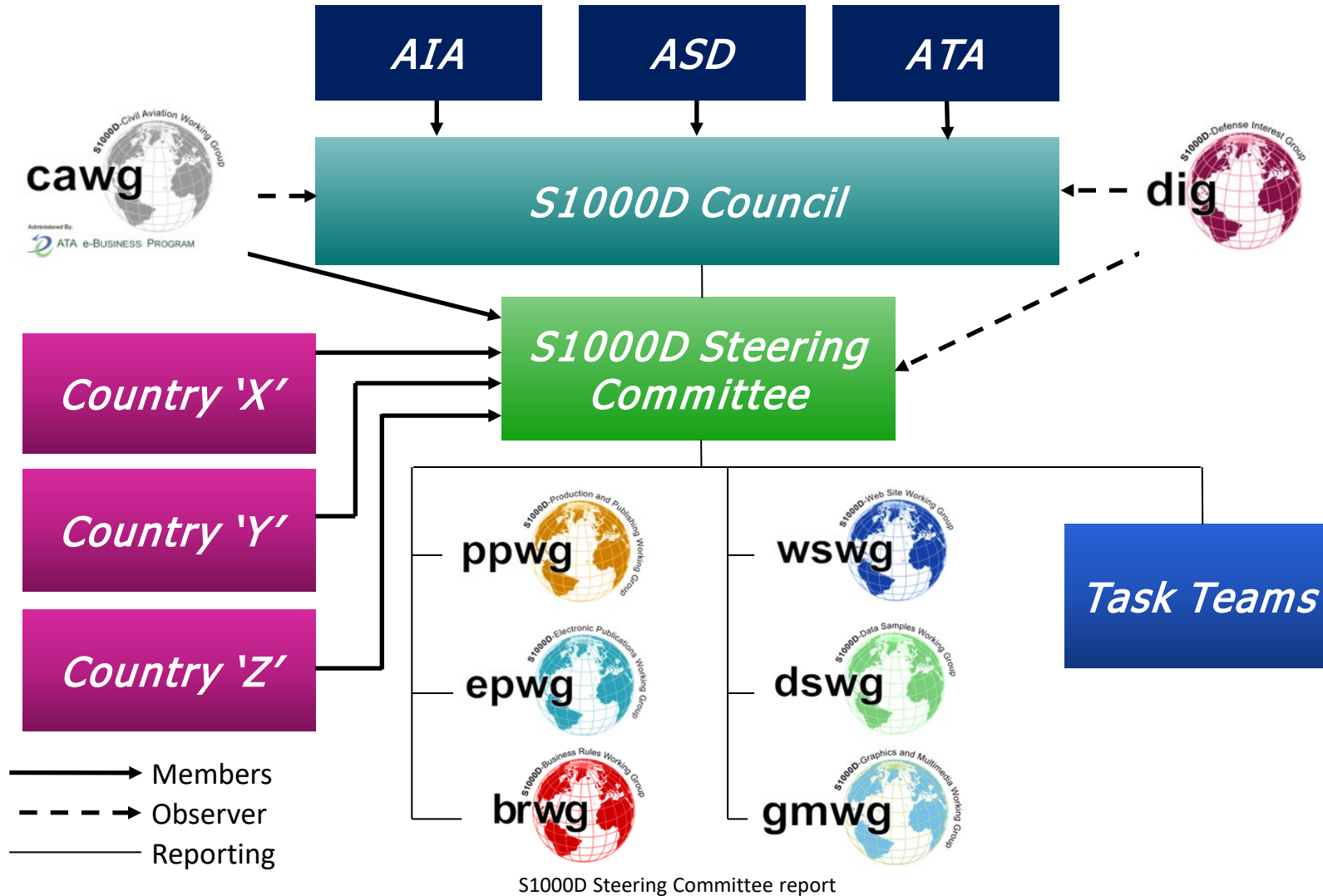
## Agenda

- S1000D organization
- S1000D change/release process
- XMLization
- Working Group major activities
- Roadmap
- Development plan – overview

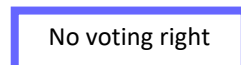
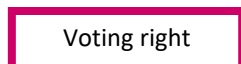
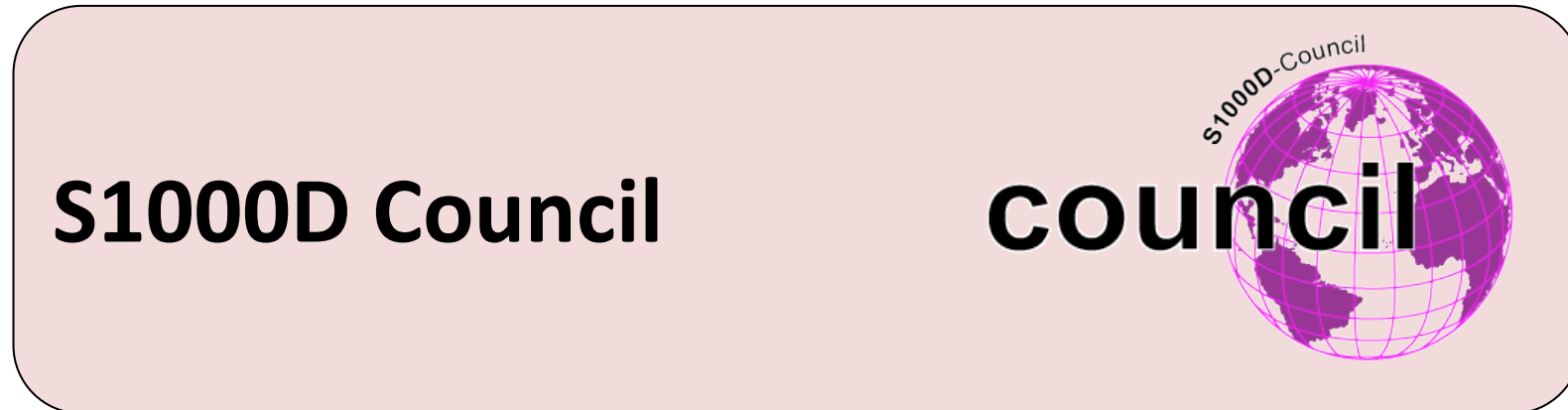
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# S1000D Organization



# S1000D Council organization



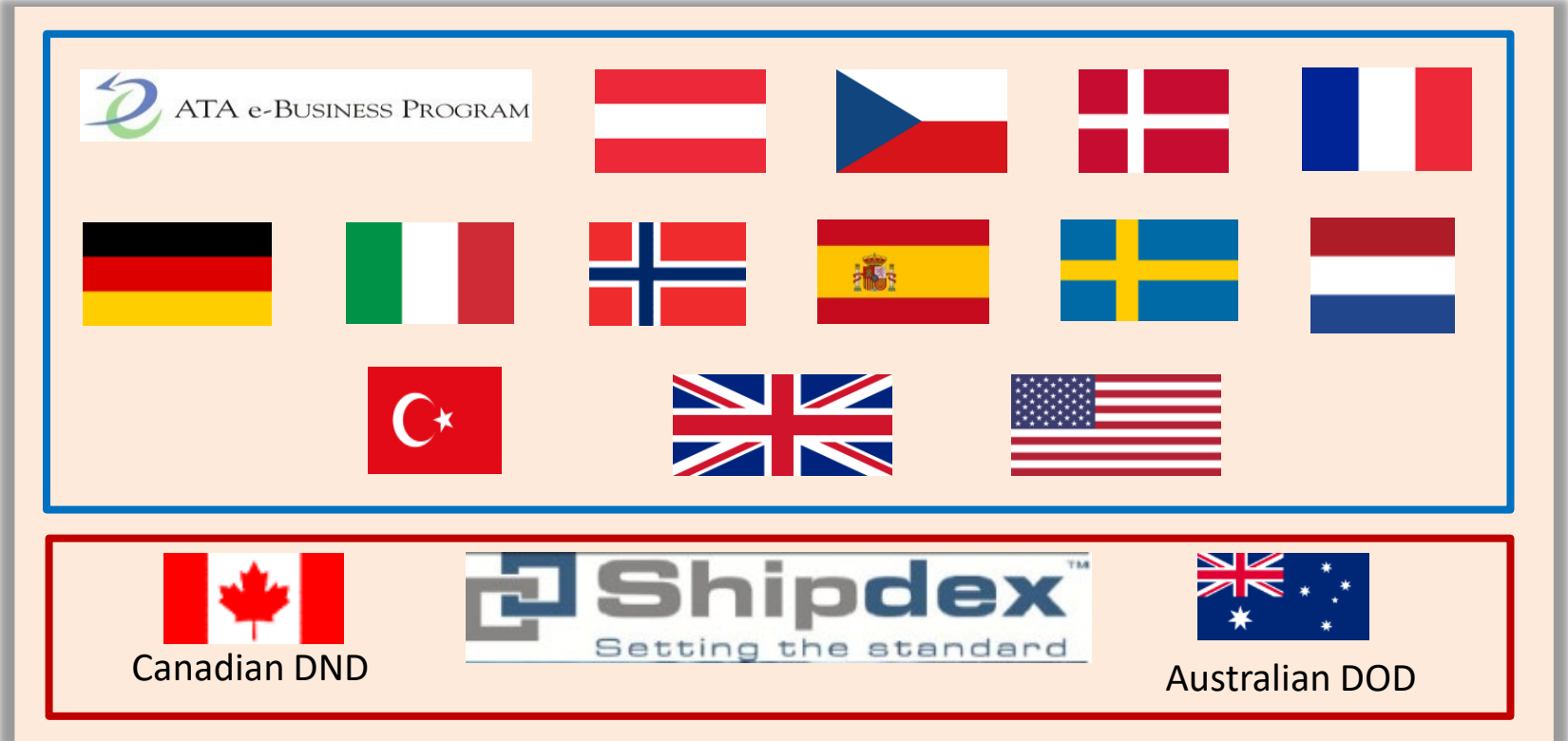
## S1000D Steering Committee organization



**Chair**  
**AIA**  
André Evans

**Vice Chair**  
**ATA**  
Sierra Fisher

**Secretary**  
**ASD**  
Joakim Lundqvist



MOU with NATO for S1000D SC participation currently in progress.

**Members:**

- 2 reps per nation (1 industry, 1 defense)
- 8 reps for ATA e-Business Program

**Observers:**

- DIG Chair

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## Issue 5.0 (June 2019)

- **S1000D issue 5.0 package includes:**

- The specification
- XML schema package
- Default BREX
- Data dictionary
- Bike data set
- Front matter samples
- Example SNS
- Project decision points index
- Unit of measurement list
- Functionally matrix



- **Patch 5.0.A**

- Corrected schema invocations in Chap 7.3.1.3

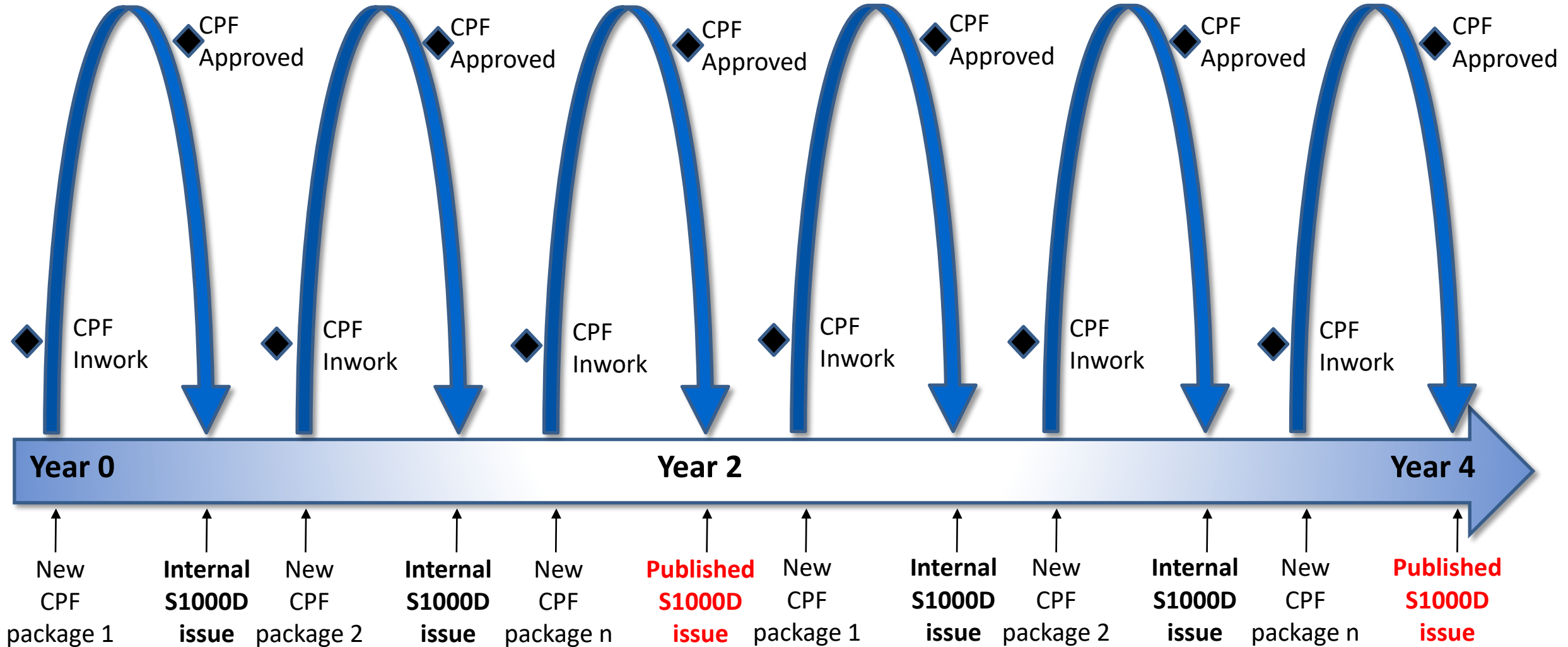
- **Patch 5.0.B**

- Updated the Data dictionary to add missing attribute definitions

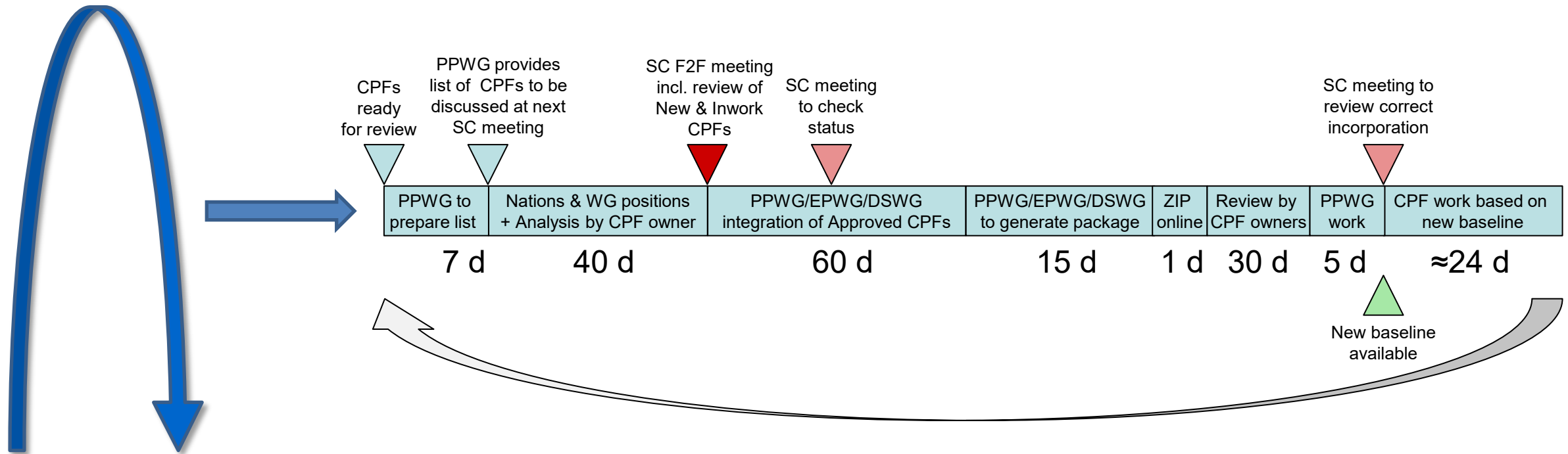
- **All changes to the specification are submitted via a “Change Proposal Form” (CPF)**



### S1000D Typical release cycle



## S1000D Typical production cycle



- Minimum duration of one cycle to create a new baseline (Internal or Published S1000D Issue) ≈ 182 days
- New CPFs are reviewed by the SC at virtual meetings in between F2F meetings
- Inwork CPFs are reviewed by the SC at SC F2F meetings (two SC F2F meetings per year)

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## XMLization

- Established a CSDB for the specification
- Converted 320 MS Word chapter files into brDoc XML data modules
- Converted all figures into PNG format
- Coordinated effort by all nations and Working Groups to review the converted spec to identify issues
  - Dispositioned each observation
  - Manually corrected XML, as required
- Developed a stylesheet for the specification
- Created a specification BREX
- Created specification Business Rules
- Created specification Authoring Rules



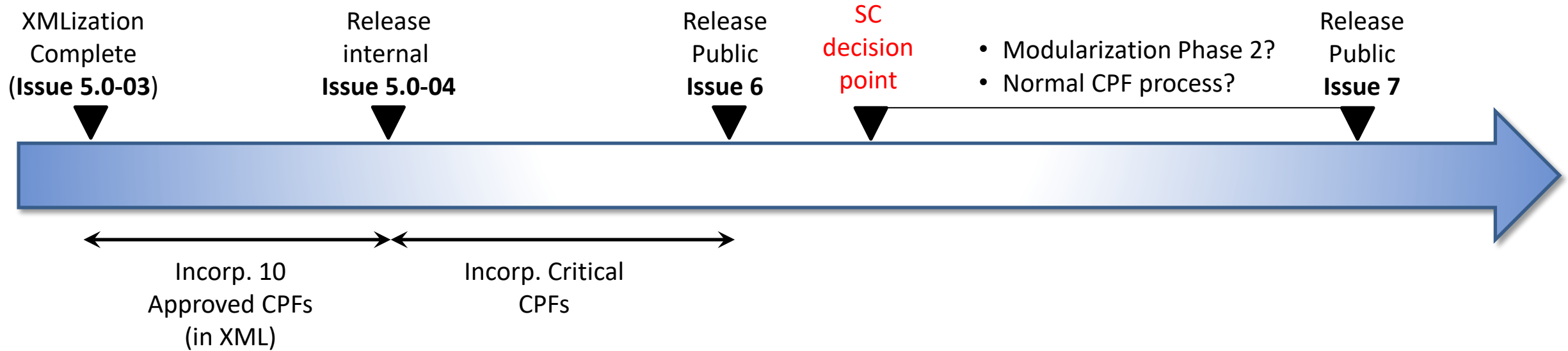
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## Working Group major activities

- **Business Rules Working Group (BRWG)**
  - Restarted the WG
  - New Chair identified
  - New members have joined
- **Electronic Publication Working Group (EPWG)**
  - Analyzed the Bike samples for missing elements and attributes
  - Continuing to update the Bike samples to incorporate missing elements and attributes
  - Created a new SNS proposal for the Bike samples
- **Production and Publishing Working Group (PPWG)**
  - XMLization
- **Website Working Group (WSWG)**
  - Analyzing possible alternate solutions for the SC, Working Groups, and Task Team work

# Roadmap



## Approved CPFs for issue 5.0-04

- 2019-008NN Consistent presentation of IC (make IC XXX searchable)
- 2019-006NN Consistent presentation of DMC rules
- 2018-009AA Correct bug which disallows certain project-defined information codes
- 2018-008AA “toolAlts” element revised to optional
- 2018-006FR dmRef classification
- 2015-036FR Maintenance planning – Threshold with a condition
- 2015-035FR Maintenance planning – Source Document on time limit element
- 2015-034FR Maintenance planning – Sampling on time limit element
- 2015-033FR Maintenance planning – Zone on time limit element
- 2010-011SE Classify consumables



## Development plan

### • Critical CPFs for Issue 6

- 2009-136IGBRTT Guidance for BR tools
- 2014-017NN Correct the use of warning and cautions in common information
- 2013-022EPWG Missing pmRef in Crew
- 2016-016N S1000D DIG SVG Profile Recommendation
- 2016-025BRWG Remove BRDPs for presenting step and levelled para titles
- 2017-023PPWG @thresholdUnitOfMeasure examples
- 2017-025PPWG @applicPropertyType - Optional should be mandatory
- 2019-010IT Maintenance planning – refs on time limits element,
- 2019-016PPWG Issue numbers and backward compatibility
- 2019-018EPWG Correct Usage of <xs:unique> in CIR schemas
- 2020-023FR New SNS – 04-30 for Certification Maintenance Requirements

## Development plan

### • Critical CPFs for Issue 6 (cont.)

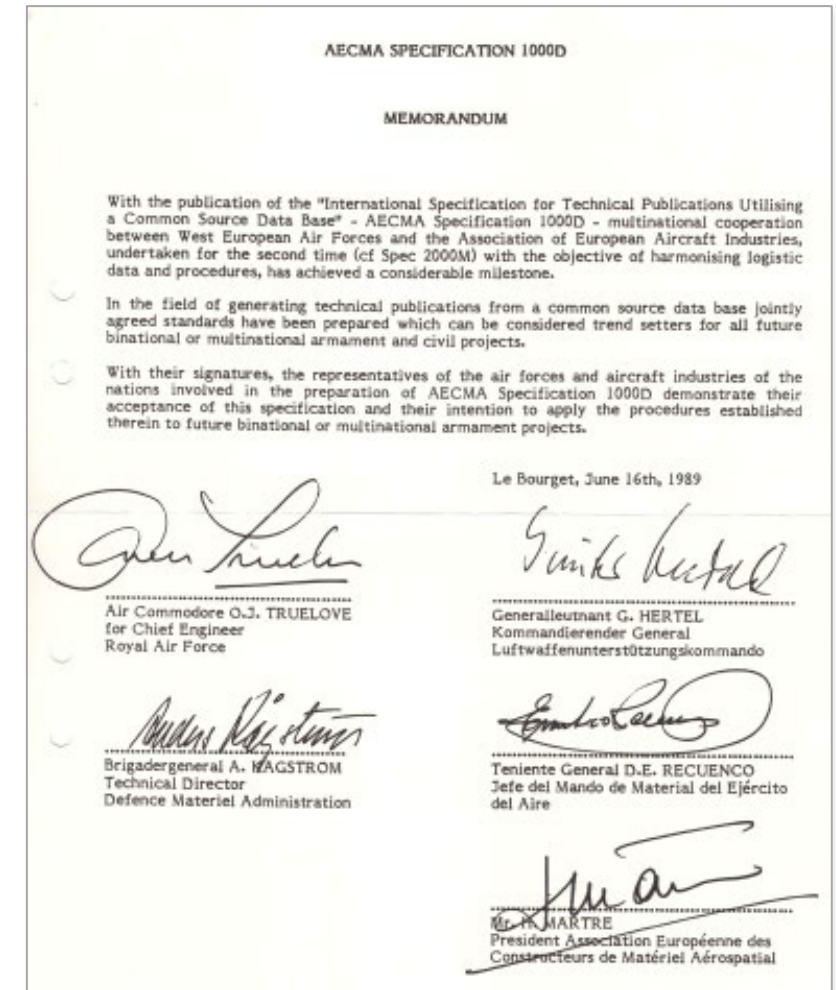
- 2020-027EPWG BREX rules concerning change markup
- 2020-030US Hazardous materials
- 2020-033EPWG terminologyRepository CIR
- 2020-036US Operational checkout
- 2021-001GB eAir AVEE SNS structures
- 2021-004EPWG Allow Change Markup on the element figure and graphic concurrently
- 2022-001NN External publication FBT
- 2022-002NN External publications
- 2022-004NN External publication restriction information
- 2022-005GB Externalisation of Chapter 8
- 2022-007NN Type specification of figures

## Development plan beyond issue 6

- **Public issues of the specification will no longer use minor update numbers**
  - No more “issue 5.1”, “issue 5.2”
  - Instead, each issue will simply be “issue 6”, “issue 7”, etc.
- **Patches will continue to be identified with an alpha character**
  - 5.0.A
  - 6.A
  - 6.B, etc.

## 33 years in work

- 33 years of knowledge, expertise, and effort have gone into the S1000D specification since it was first released in 1989.



**Thank you**  
for your attention!

**Questions?**

