

The S1000D Specification Year in Review Capstone Panel

S1000D Council & S1000D Steering Committee Reports

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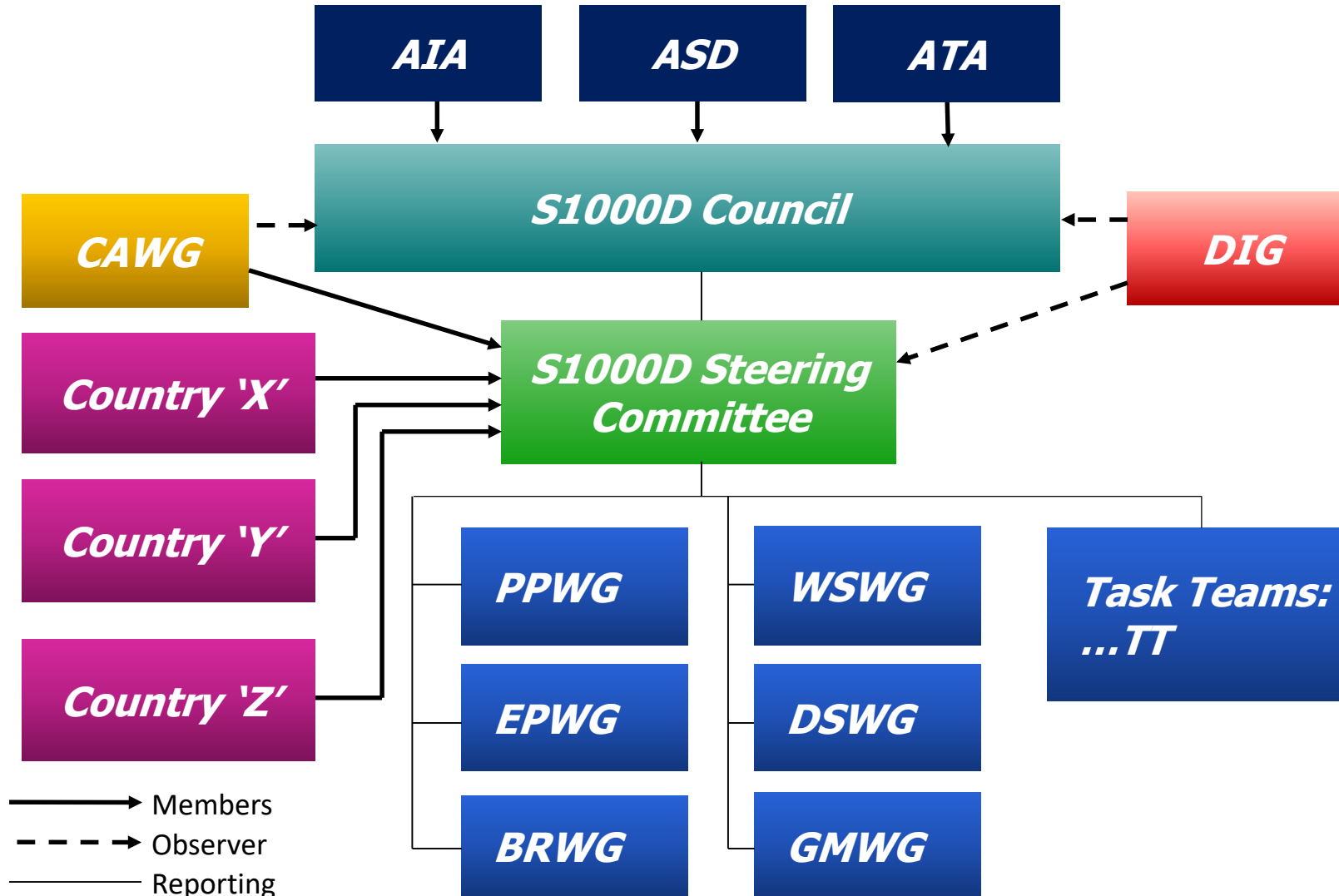
Contents

- S1000D organization and news
- S1000D Issue 4.2+ status
- New S1000D change process
- Questions & Answers (the panel discussion)

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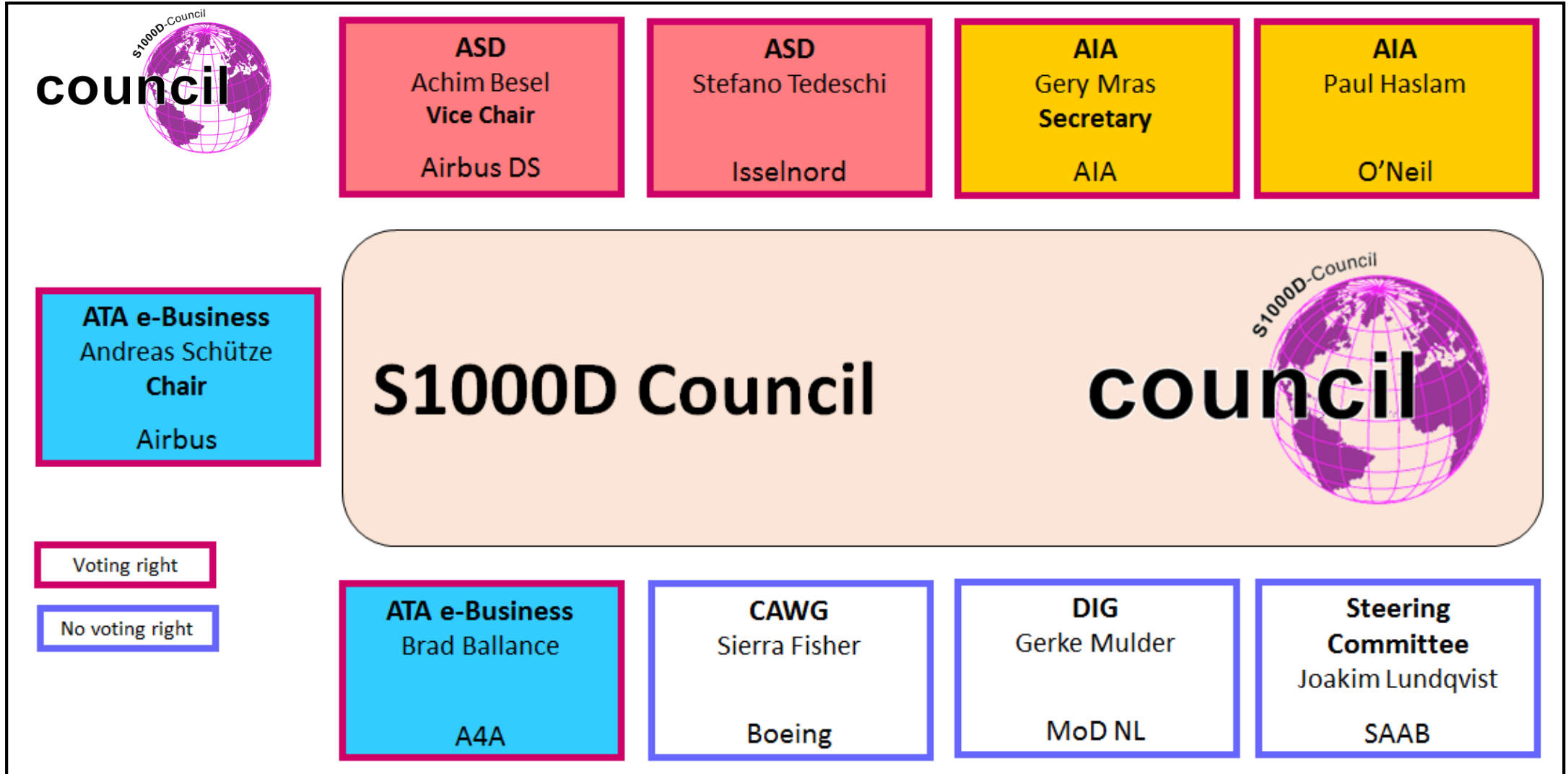
S1000D Organization - Overview



Contents

- S1000D organization and news
 - **S1000D Council**
 - S1000D Steering Committee
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Organization – S1000D Council



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S1000D Council News – Participation Levels (1/3)

- Members
 - Member nations
 - Member organizations
- Participants
 - Non-affiliated observer
 - Non-affiliated participant
 - Emeritus
 - Invited expert
- To be defined in the near future:
 - How to invite experts
 - Membership status transition to cover existing nations/organizations that are not affiliated to AIA, ASD or ATA

S1000D Council News – Participation Levels (2/3)

Intellectual Property (IP) agreement for individuals

- IP agreement template for Emeritus is in place. An Emeritus
 - is a former representative of a full or non-affiliated member
 - can participate in WG/TT
 - must be approved by the S1000D Council (IP agreement)
- IP agreement template for Invited Experts is in preparation. An Invited Expert:
 - is allowed for individual participation upon invitation of the WG/TT chair
 - is not member of S1000D SC or any WG/TT
 - must be approved by the S1000D Council (IP agreement)

S1000D Council News – Participation Levels (3/3)

Memorandum of Understanding (MOU)

MOU template is in place to cover nations/organizations that are currently not affiliated to AIA, ASD or ATA. The following two statuses are considered:

- Non-affiliated observer
 - Represents an industry or customer consortium not associated with one of the S1000D parent organizations
 - One observer seat on the Steering Committee but no WG/TT participation
 - Approved by the Council (MOU) - One year time limit
- Non-affiliated participant
 - Represents an industry or customer consortium not associated with one of the S1000D parent organizations
 - One observer seat on the Steering Committee and full WG/TT participation
 - Approved by the Council (MOU)

S1000D Council News – Participation Status

- Memorandum of Understanding (MOU)
 - MOU with NATO Support and Procurement Agency (NSPA) currently in signature process
 - MOU with Shipdex will be sent by S1000D Council to Shipdex for signature
- Intellectual Property (IP) for Emeritus
 - Currently two IP agreements signed
 - Due to retirement of some current S1000D SC members in the next future, further agreements are expected

S1000D Council News - Download statistics

S1000D Downloads

Jan 1 - Jun 30, 2018

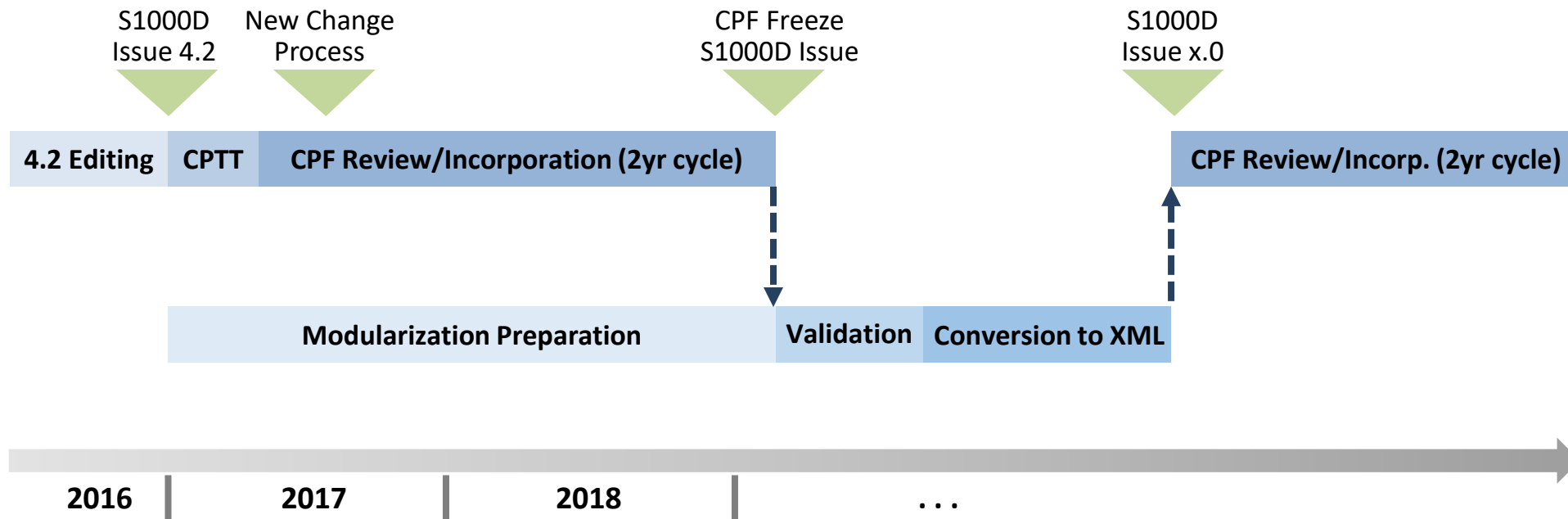
Issue	Registered	Anonymous	Total
Issue 4.2	531	1,318	1,849
Issue 4.1	154	440	594
Issue 4.0	95	278	373
Issue 3.0	48	117	165
Issue 2.3	44	143	187
Issue 2.2	33	71	104
Issue 2.1	30	62	92
Issue 2.0	29	61	90
Issue 1.9	26	83	109
Issue 1.8	30	77	107
Issue 1.7	38	98	136
Total	1,058	2,748	3,806

**Anonymous download counts are estimates*

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S1000D Council News – S1000D Roadmap



S1000D Roadmap approved in S1000D Council 23.00 (13th April 2018)

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 - **Working groups**
 - **Task teams**
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Organization – S1000D Steering Committee



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SC - Working Groups

- Business Rules (BRWG)
- Electronic Publications (EPWG)
- Graphics and Multimedia (GMWG)
- Production and Publishing (PPWG)

Business Rules Working Group

The Business Rules Working Group (BRWG) is responsible for:

- all Business Rules (BR)
- the Implementation Guide
- the BRDP Index
- BR-relationships information
- BR template
- Brdoc Schema
- The BREX schemas

BRWG – Main activities

- Issue 4.1 Deliverable
 - BR relationships in Excel file
- Issue 4.2 Deliverable
 - BR template, brdoc data module, XML
 - BRDP Index (Chap 2.5.3) as Excel
- Future S1000D Issue Deliverable
 - BRWG CPFs → Main topics: BREX and Brdoc Schema fixing & update, terminology, implementation guidance

EPWG

- The objective of the EPWG is to maintain the technical components of the Specification and to maintain awareness of advances in information technology and standards, and to propose recommendations for technical solutions to the Steering Committee.
- EPWG is also responsible to maintain and update the XML schemas, Data dictionary and the S1000D Default BREX.

EPWG – Main activities

- Review CPF for technical impact
- Creation of the data dictionary (issue 4.2)
- Keeping the XML schemas update
 - Internal issue 4.2-01 (5 CPF's)
 - Internal issue 4.2-02 (5 CPF's)

GMWG

- The objective of the GMWG is to maintain the **graphic, multimedia,** and **Model Based Enterprise (MBE)** components of the Specification and to maintain awareness of advances in information technology and standards, and to propose recommendations to the SC.
- GMWG is also responsible to review and consolidate all the graphic, multimedia, and MBE related matters in all CPFs from other S1000D groups and task teams.

GMWG – Main activities

- CPF 2009-121EPWG - Merge Figure and Multimedia to create a single ICN Object
- Collaborate with DIG for SVG Profile, CPF 2016-016NL – S1000D DIG SVG Profile recommendation
- CPF review

PPWG

- Creation and maintenance of a generic plan for production and publishing including the CPF and the specification chapters
- Adjustment of the generic plan for specific issues and SC internal issues of the specification
- Recording and allocation of CPFs through the CPF process, for each issue of S1000D
- Creation and maintenance of the Business Rules for the production of each issue of S1000D
- Conduct of review meetings
- Editing and Publishing

PPWG - Activities

- Create the CPF list for each SC meeting
- Update of authoring rules
- Update of templates
- Managing and creation of the internal issues 4.2-01 and 4.2-02
 - Chapter update
 - Illustrations update
- Editing of editorial CPF's

SC Task Teams

- Change Process (CPTT)
 - The activities will soon be presented
- S1000D Modularization (SMTT)
 - Investigating the next generation of S1000D
- User Forum (UFTT)
 - Support the leading organization responsible for the User forum

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S1000D Issue 4.2+ Status

- S1000D 4.2
 - Business rule template (BR template) plus business rule decision points index (BRDP index) now available on www.S1000D.org.
 - Data Dictionary will be provided in the near future.
- S1000D 4.2-01
 - Internal issue published 2017/12/01 in S1000D SC perimeter
 - Update of S1000D 4.2 based on 9 CPFs which were approved in SC 32.00 (September 2017)
 - Issue 4.2-01 was the new baseline for all CPFs (regarding the next “Internal S1000D Issue” or “Published S1000D Issue”)
- S1000D 4.2-02
 - Internal issue published 2018/07/16 in S1000D SC perimeter
 - Update of S1000D 4.2 based on 8 CPFs which were approved in SC 33.00 (April 2018)
 - Issue 4.2-02 is currently the new baseline for all CPFs (regarding the next the “Internal S1000D Issue” or “Published S1000D Issue”)

Next public issue (“Published” issue of S1000D) currently scheduled for first quarter of 2019.

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 - Background
 - New documents
 - Process and change statuses
 - One cycle of a change process
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New S1000D change process – Background

- Why?
 - Limited resources
 - Delayed publication of new S1000D issues
- Objectives
 - Simplify previous change process
 - Flexibility in publishing new S1000D issues on demand or periodically
 - Reduce the time and effort required for chapter authoring, editing, review, and publication of S1000D issues
- Basic principles
 - Full responsibility of nation/organization to deliver complete CPF material
 - Single CPF owner (focal point) per nation/organization
 - Sequential integration of CPFs into the S1000D CSDB
 - Chapter text, schemas and data samples are consistent at any time and ready for publication
- New change process started after publication of S1000D Issue 4.2
 - Based on Internal Issues (S1000D SC internal baseline) and Published Issues
 - CPF material must always be based on the latest Internal or Published Issue

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New S1000D change process – New documents

White Paper (WP) template updated in accordance with new Change process

- Only includes technical content of the CPF
- Instructions for completion are now defined in a separate document

1	Changes
1.1	Description of proposed changes
1.2	Classification
2	Rationale for proposed change ...
2.1	Obligatory questions
2.1.1	Why does the current specification not meet this requirement?
2.1.2	What benefit does this requirement add?
2.1.3	If the proposed change is approved, what will it enable?
3	Proposed conceptual solution
3.1	Solution 1 (preferred)
3.1.1	Concept
3.1.2	Effect on the specification
3.2	Proposed solution 2 (alternate) ...
3.2.1	Concept
3.2.2	Effect on the specification
4	Detailed solution
4.1	Solution design
4.2	Chapter content changes
4.3	Impact on graphics and Information Control Numbers
4.4	New element and new attribute textual definitions
4.5	Technical changes
4.5.1	Schema changes
4.5.2	Default BREX changes
4.5.3	Bike Sample changes
4.6	Effect on the highlights pages

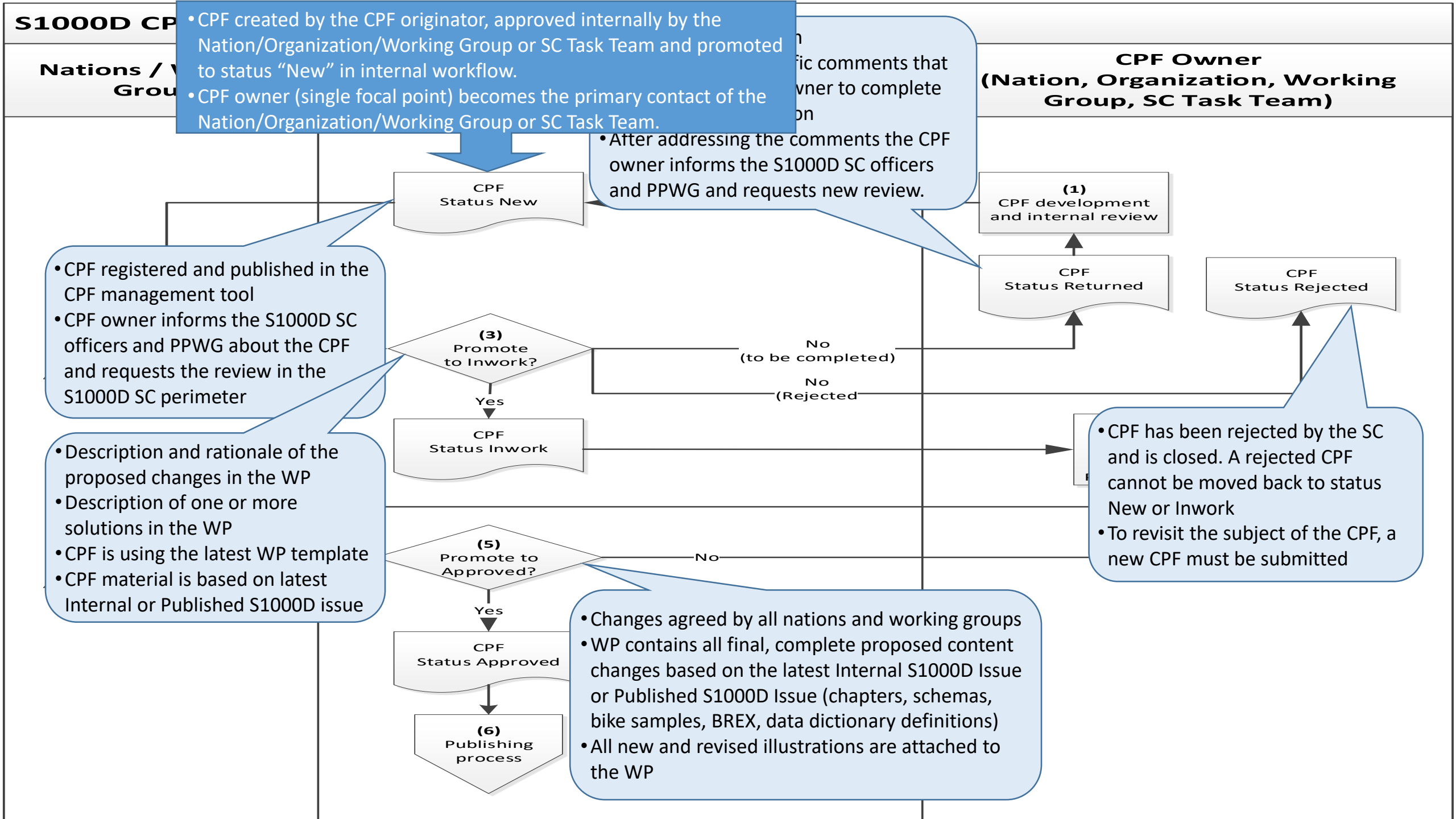
New S1000D change process – New documents

Standard Operating Procedures (SOP)

- Define the new change process
- Produced by the Change Process Task Team (CPTT) and validated by the S1000D SC
- Main content
 - Stakeholder roles and responsibilities (SC, nations/organizations, Working Groups, CPF owners)
 - Process steps with process flow diagrams for CPF process and Production & Publishing Process
 - Description of CPF Statuses
 - Generic schedule with impact on SC work

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• CPF created by the CPF originator, approved internally by the Nation/Organization/Working Group or SC Task Team and promoted to status "New" in internal workflow.

• CPF owner (single focal point) becomes the primary contact of the Nation/Organization/Working Group or SC Task Team.

CPF Owner
(Nation, Organization, Working Group, SC Task Team)

• After addressing the comments the CPF owner informs the S1000D SC officers and PPWG and requests new review.

• CPF registered and published in the CPF management tool

• CPF owner informs the S1000D SC officers and PPWG about the CPF and requests the review in the S1000D SC perimeter

• Description and rationale of the proposed changes in the WP

• Description of one or more solutions in the WP

• CPF is using the latest WP template

• CPF material is based on latest Internal or Published S1000D issue

• CPF has been rejected by the SC and is closed. A rejected CPF cannot be moved back to status New or Inwork

• To revisit the subject of the CPF, a new CPF must be submitted

• Changes agreed by all nations and working groups

• WP contains all final, complete proposed content changes based on the latest Internal S1000D Issue or Published S1000D Issue (chapters, schemas, bike samples, BREX, data dictionary definitions)

• All new and revised illustrations are attached to the WP

New S1000D change process

Process and change statuses (2/2)

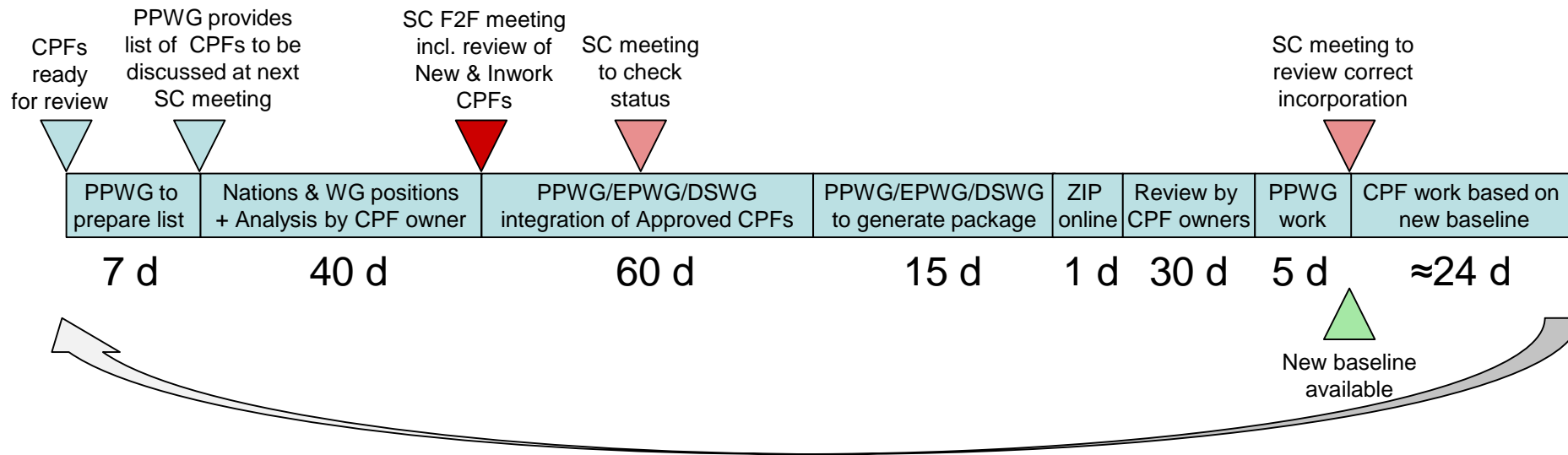
- “Complete”
 - All relevant changes are incorporated consistently and correctly into the next Internal S1000D Issue or Published S1000D Issue by the
 - Production and Publishing Working Group (PPWG) for chapters
 - Electronic Publications Working Group (EPWG) for schema and BREX
 - Data Samples Working Group (DSWG) for Bike samples
- “Withdrawn”
 - The raising authority has withdrawn the CPF or it has been superseded by another CPF

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New S1000D change process

One cycle of a change process



- Min duration of one cycle to create a new baseline (Internal or Published S1000D Issue) ≈ 182 days
- Review of Inwork CPFs at SC F2F meetings → two SC F2F meetings per year
- WebEx meetings in between F2F meetings to review New CPFs and review correct incorporation
- Objective: New Published S1000D Issue every 2 years (normally after 4 cycles)

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Thank you

for your attention!

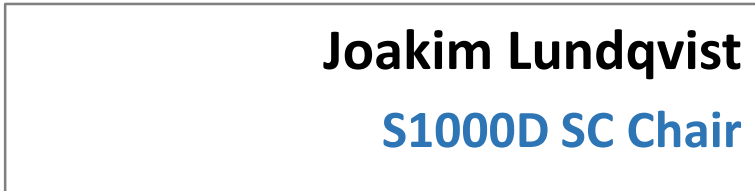
Questions?



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