S1000D Overview

S1000D User Forum 2013
Vienna, 2013-09-16/19

Dennis Hoyland BA, MBA, MSc

Dennis Hoyland

- Chair of S1000D Steering Committee

- Member of a number of S1000D Working Groups and Task Teams

- Been with S1000D development for some 20 years

- Ex Director of Through Life Support with the MOD

- Strategic Development Manager for Asset Management within LSC

Transforming the submarine refit programme

Agenda

- Background
- Organization
- Council Direction
- S1000D as part of ASD Standards
- Lessons learnt
- Resource
- Way Forward
- Summary

History

1984 - AECMA countries and MoD customers started the development of an international Specification for Technical Publications

1989 - First release of S1000D

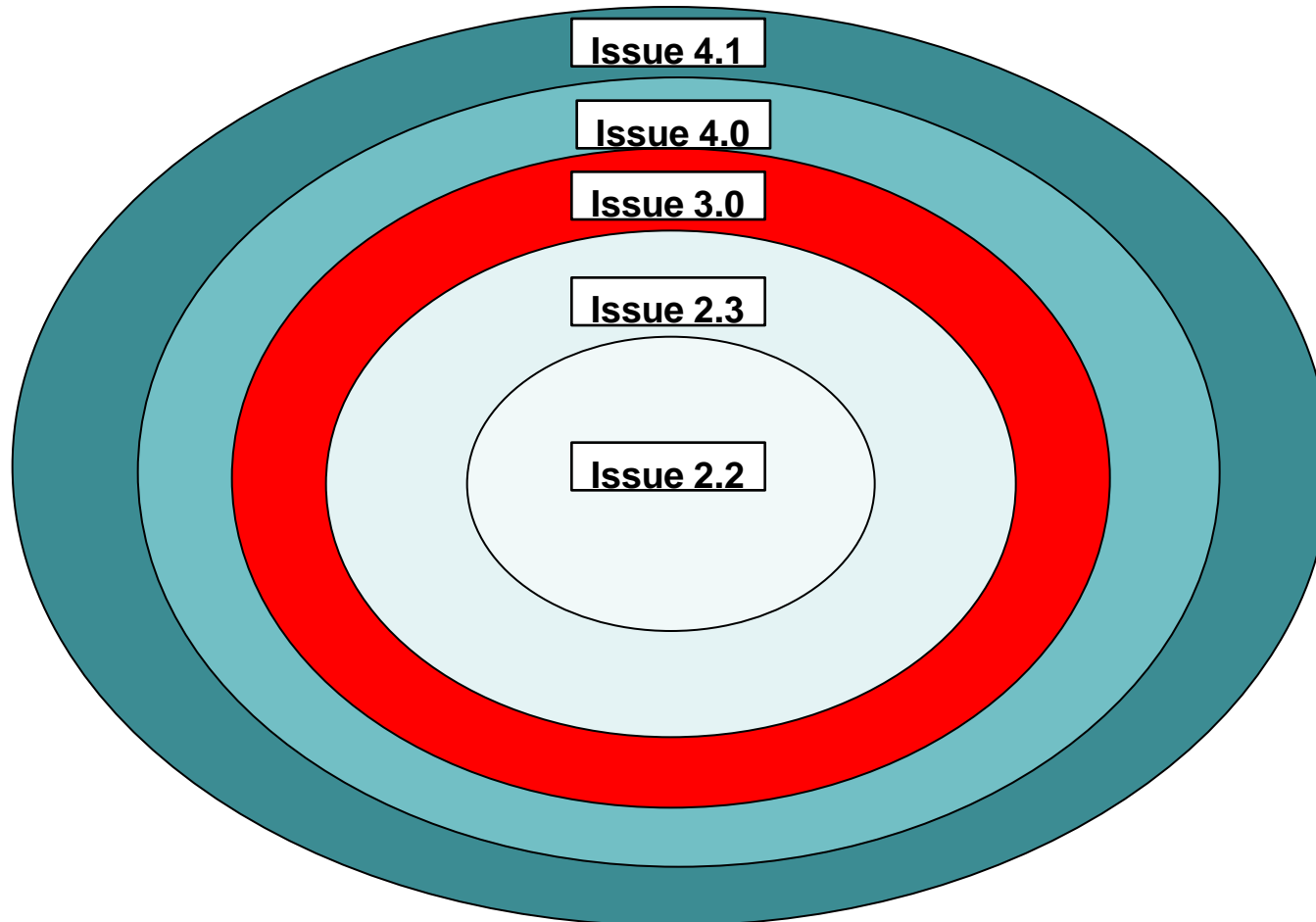1998 - Start of formal USA involvement.

2002 - AIA Memorandum of Understanding signed and USA TPSMG co-chair agreed

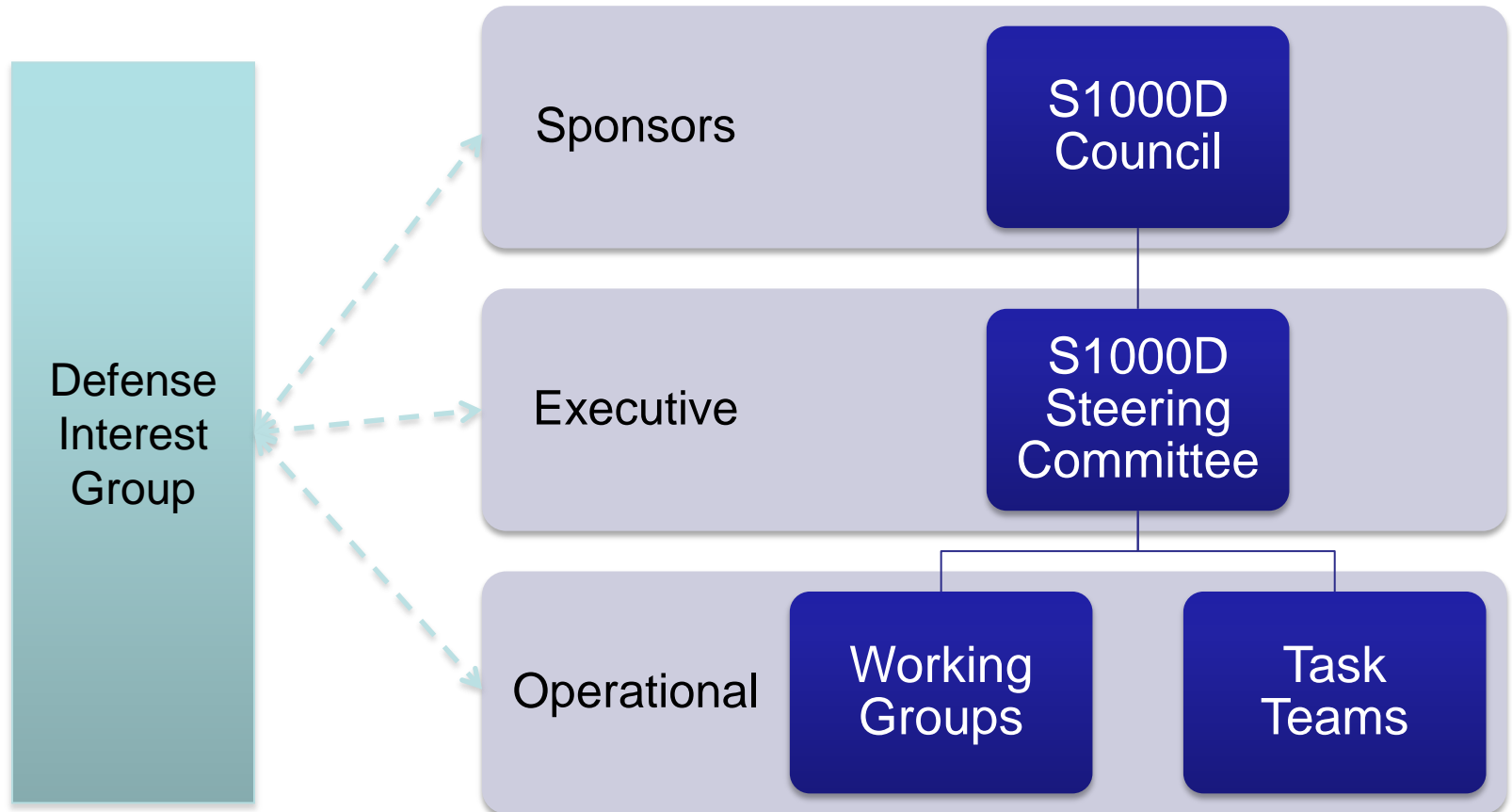2003 - Issue 2 of specification featuring USA requirements

… some are active …

Specification Growth

Concentric ovals labeled from outer to inner:
- Issue 4.1
- Issue 4.0
- Issue 3.0
- Issue 2.3
- Issue 2.2

Organization

Defense Interest Group

Sponsors — S1000D Council

Executive — S1000D Steering Committee

Operational — Working Groups, Task Teams
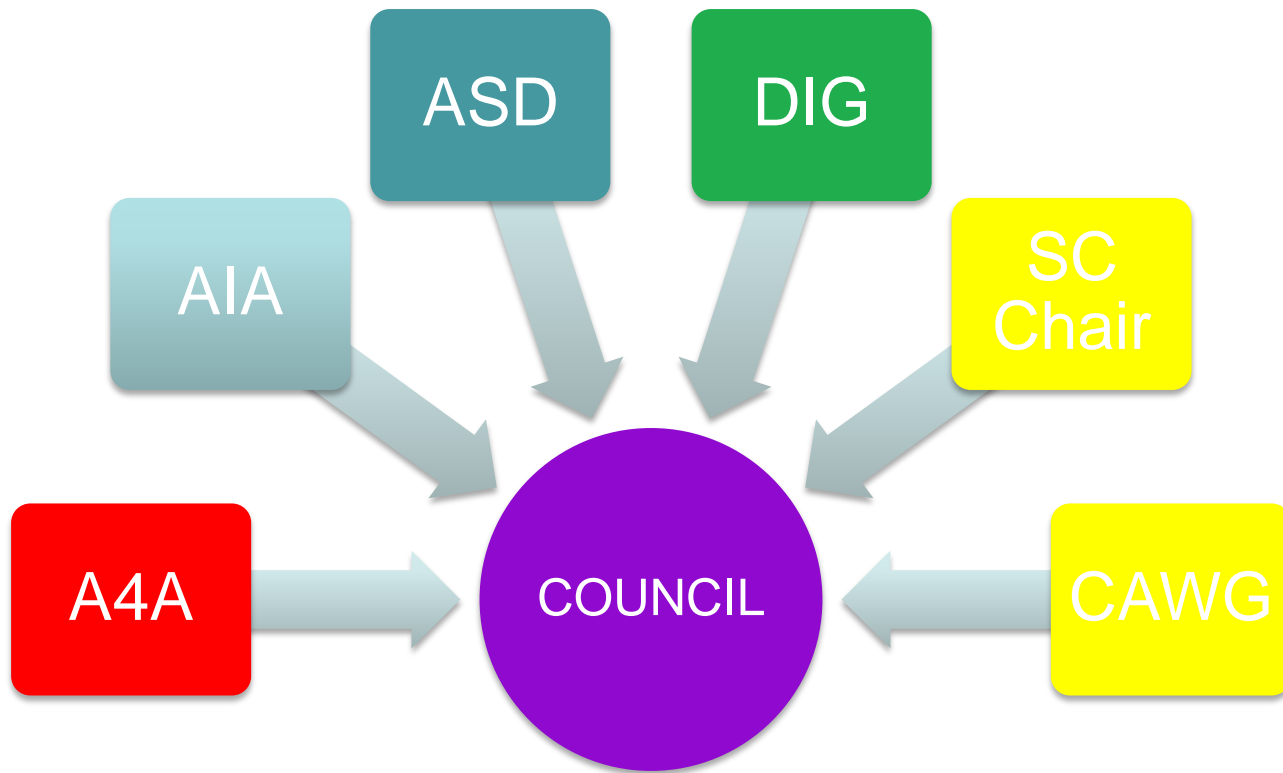
S1000D Council

The S1000D Steering Committee S1000D-SC

Vice Chair

Chair

Secr

The S1000D Steering committee

| ATA e-Business 8 reps | Observers 2 reps/nation | Members 2 reps/nation |

Scope of S1000D

LSA, Provisioning, R&M, MTA

Technical Information in support of operations, maintenance and training

Production and delivery of data modules

Page orientated, IETP, data centric deliveries
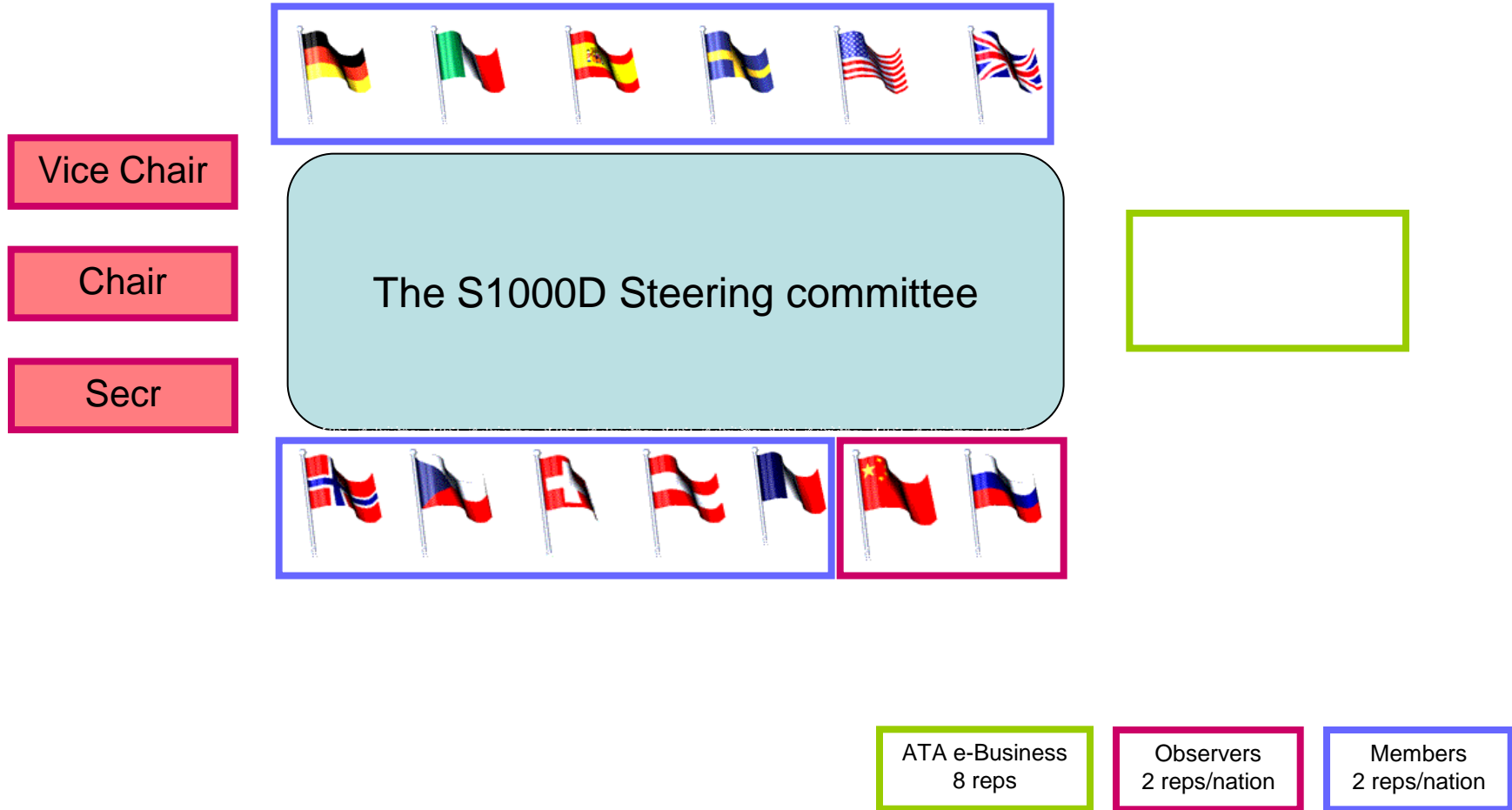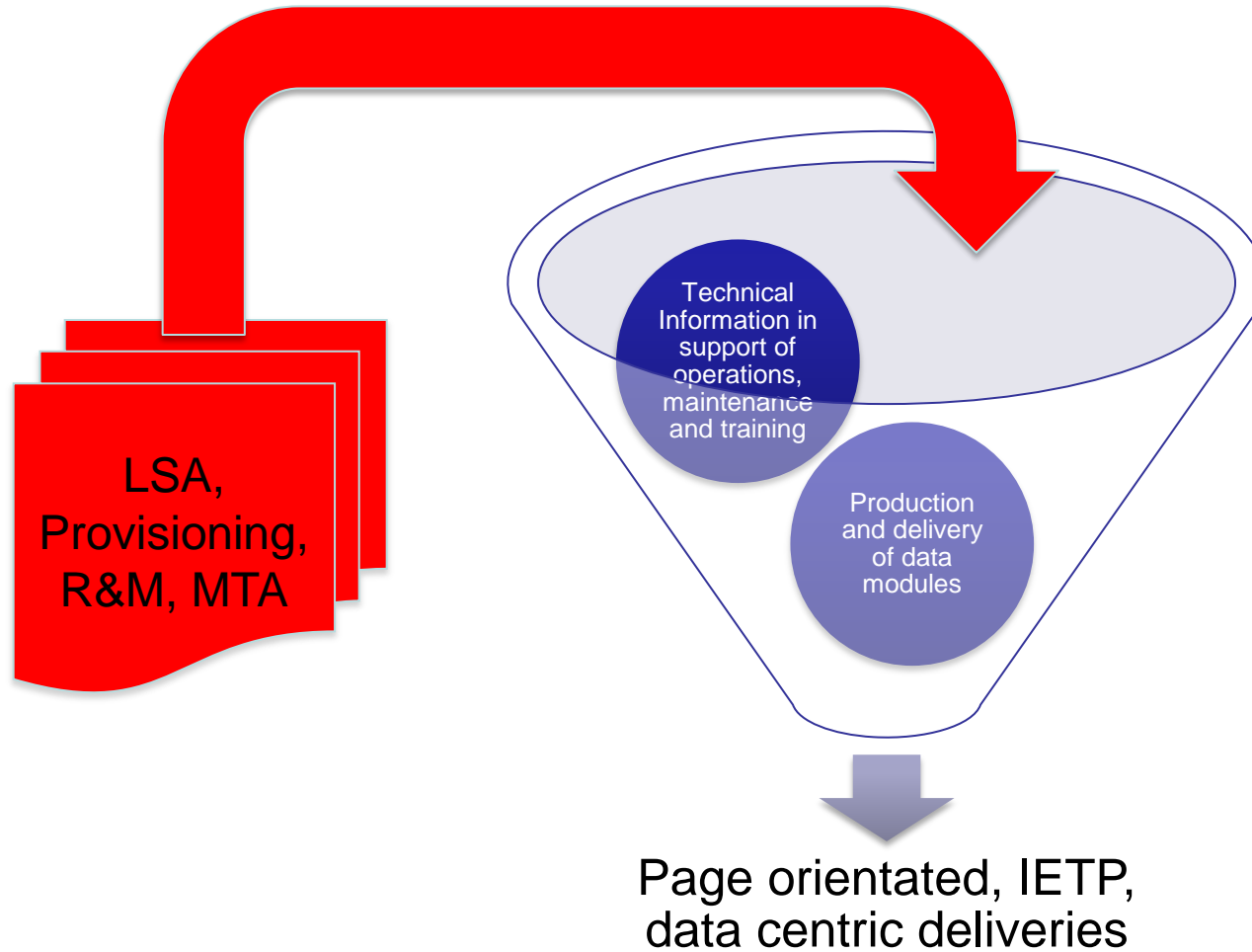
Council Vision and Mission

Vision - To be the globally adopted specification for efficient interoperable technical information for operations, maintenance and training that support the life cycle of the product.
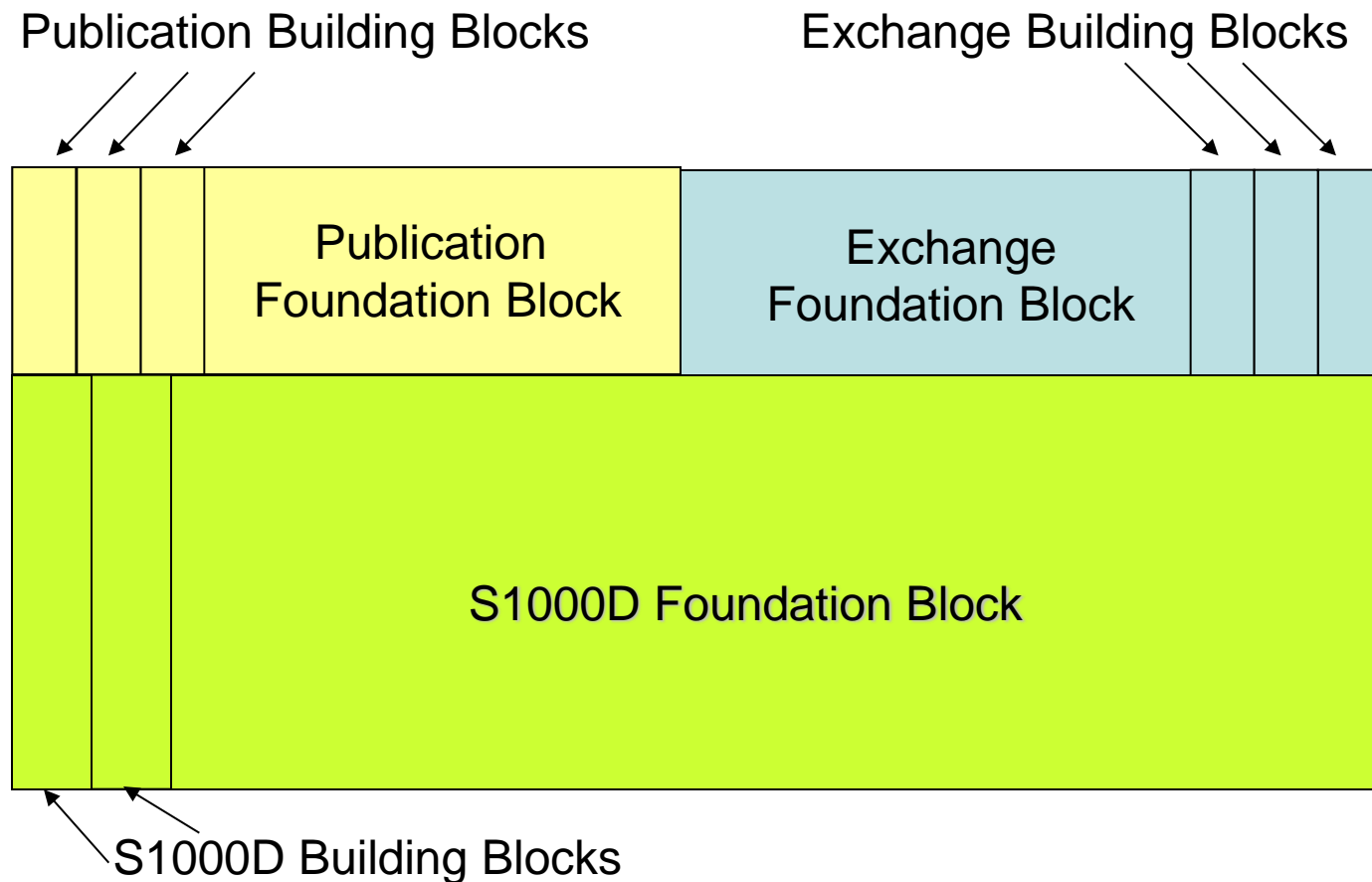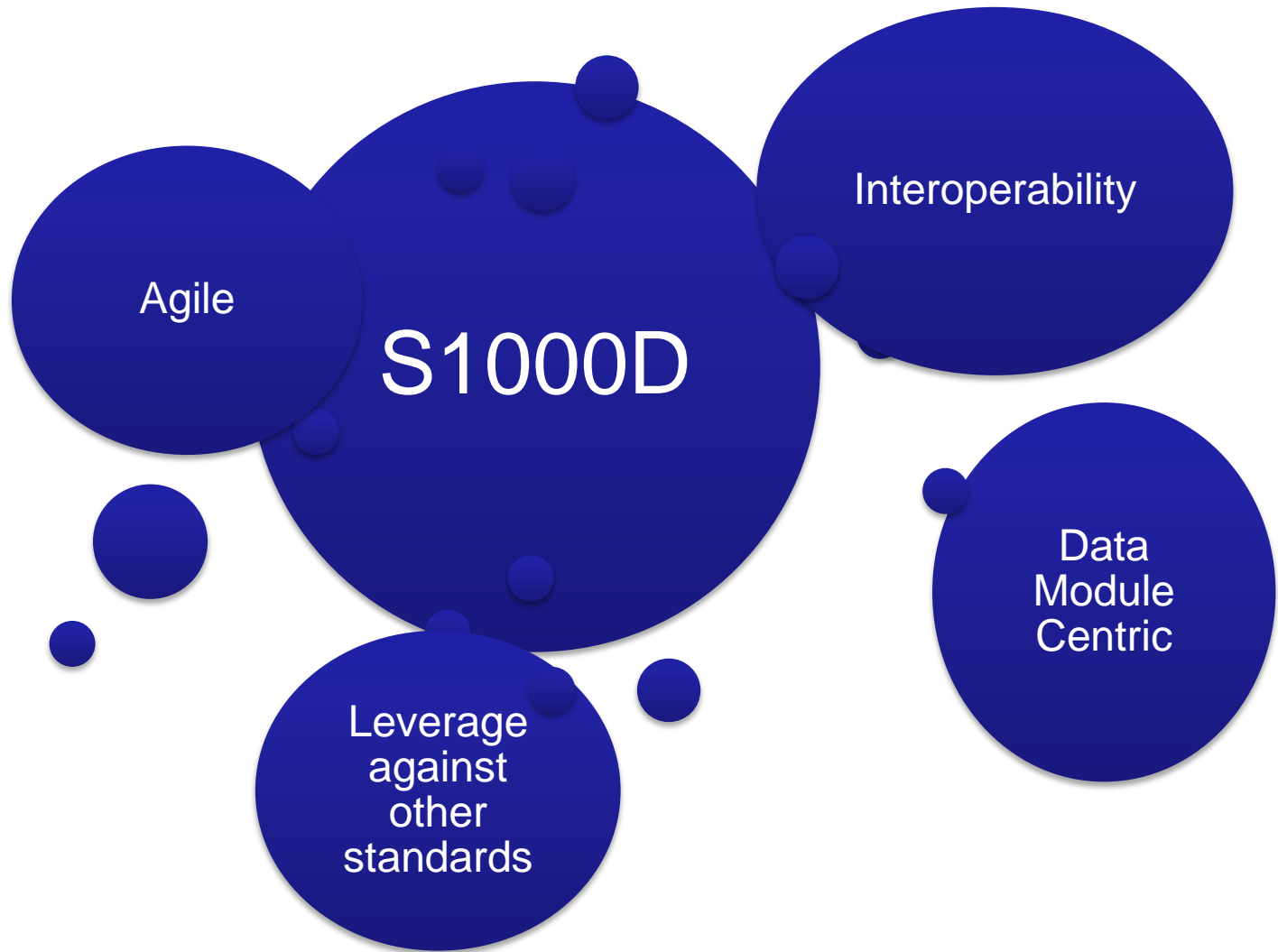
Mission -Achieve optimum reuse and interoperability of technical information by providing an agile, efficient, data module-centric, platform-neutral specification, while maintaining consistent data structures, leveraging other standards, and helping meet applicable regulatory requirements.

A Modular Specification

Publication Building Blocks

Exchange Building Blocks

Publication Foundation Block

Exchange Foundation Block

S1000D Foundation Block

S1000D Building Blocks

Goals

Interoperability

Agile

S1000D

Data Module Centric

Leverage against other standards
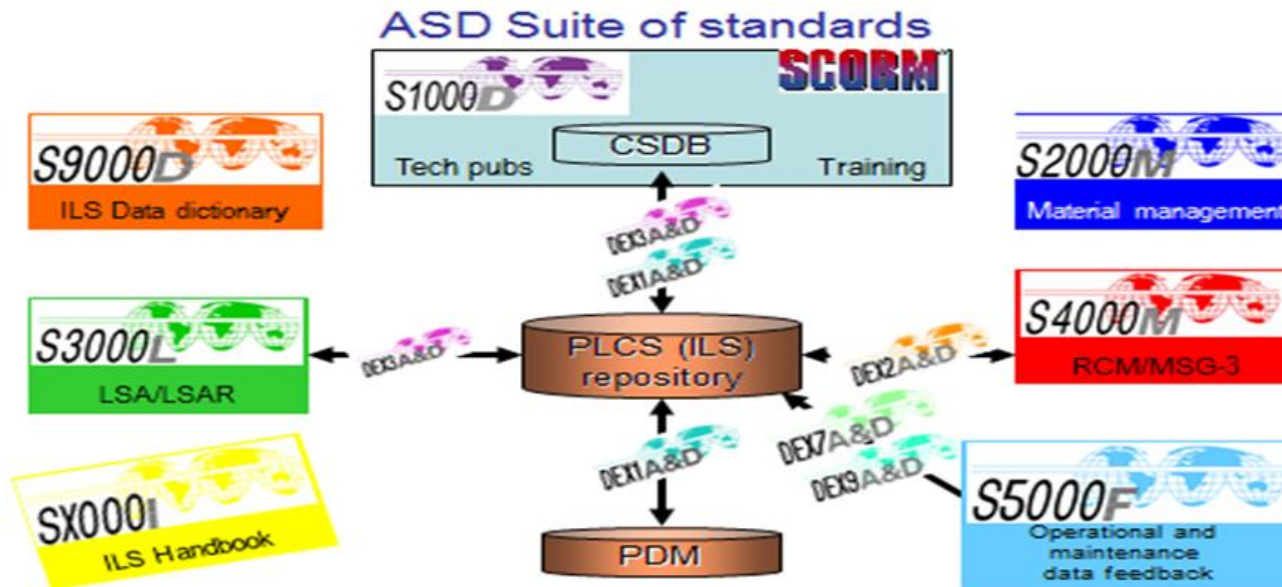
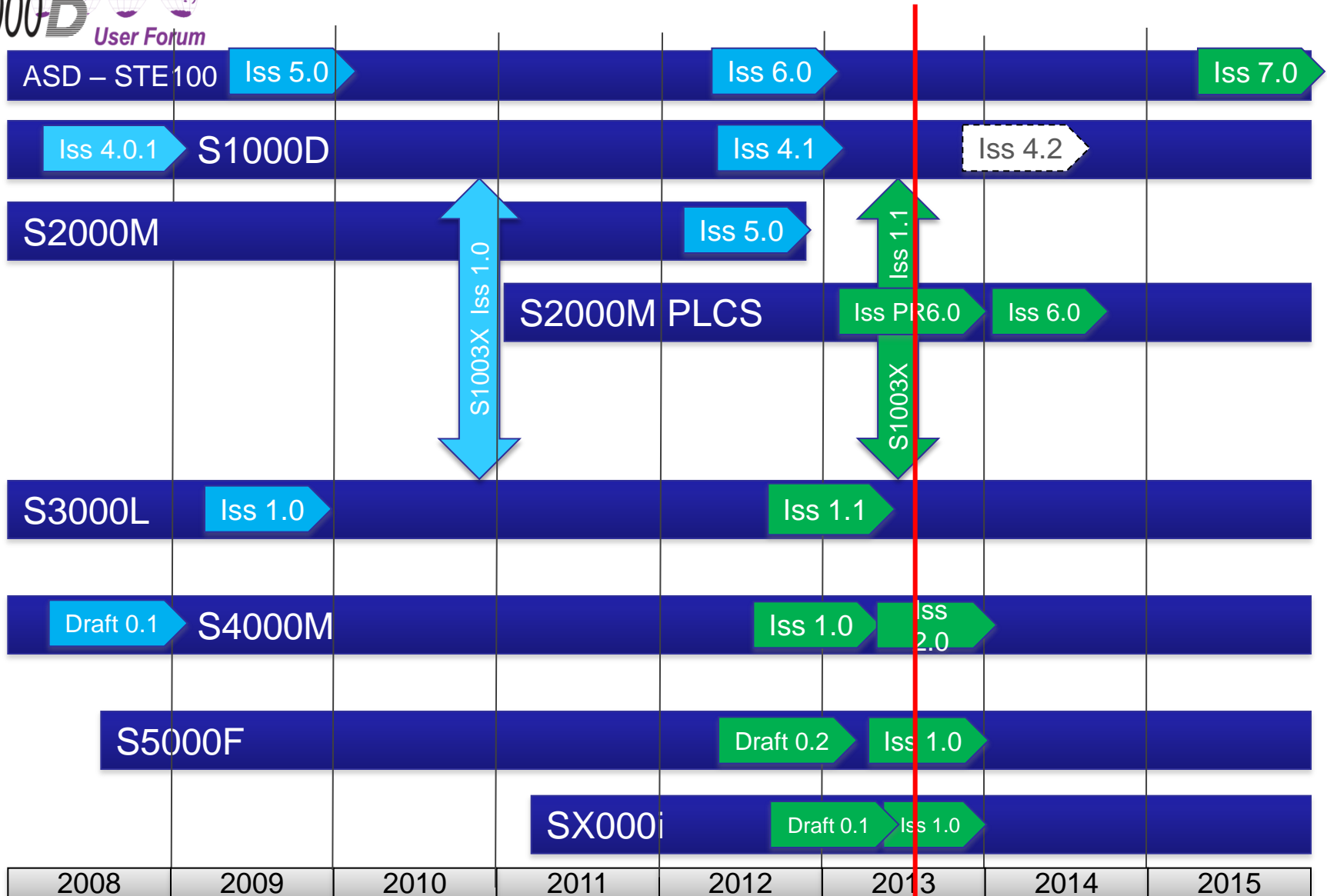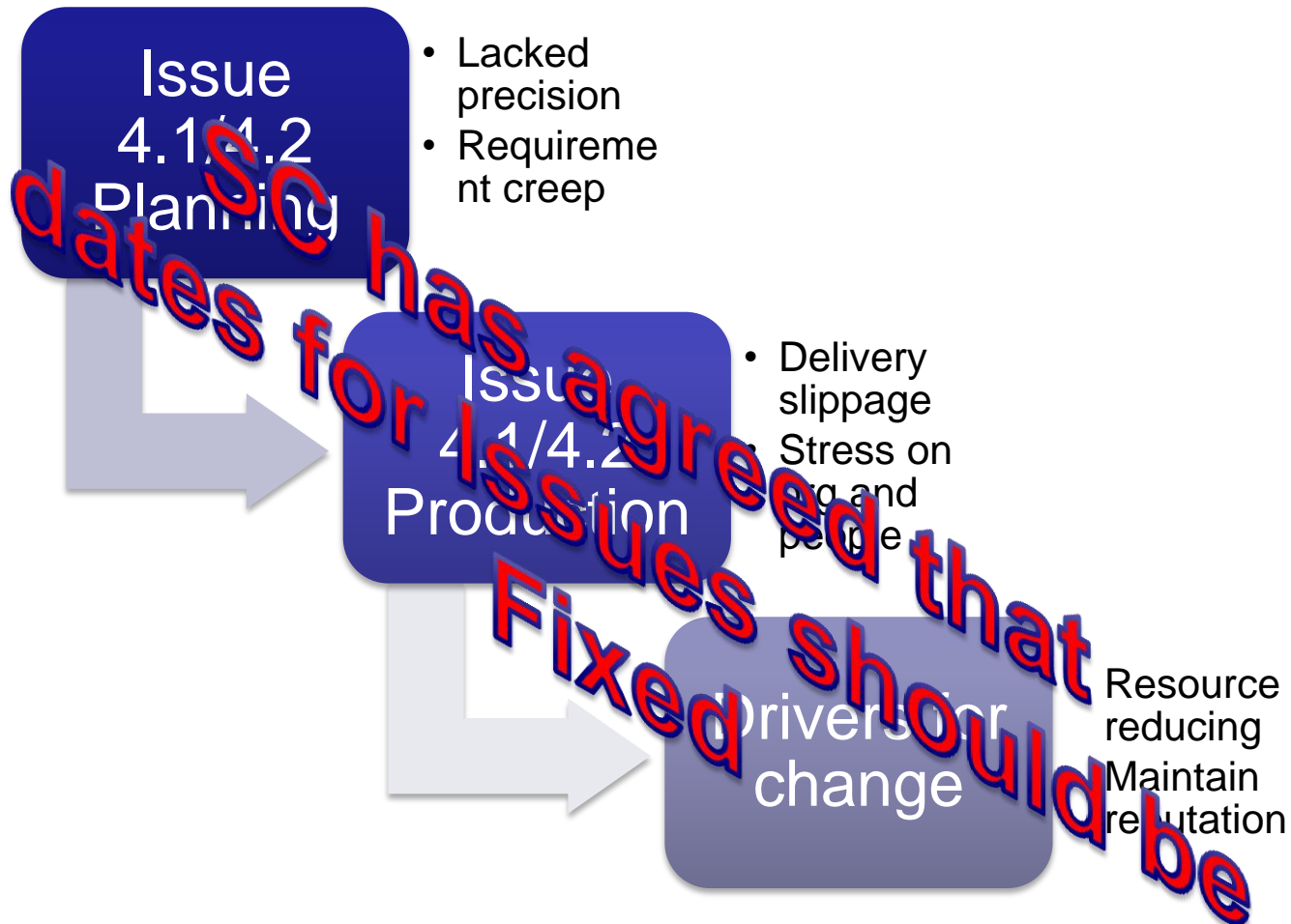# ASD Standards

- S1000D one of the suite of Support standards being produced and managed by ASD

The S-Series ILS specifications - Issue plan

	2008	2009	2010	2011	2012	2013	2014	2015
ASD – STE100	Iss 5.0				Iss 6.0			Iss 7.0
S1000D	Iss 4.0.1				Iss 4.1	Iss 4.2		
S2000M				Iss 5.0		Iss 1.1		
S2000M PLCS					Iss PR6.0	Iss 6.0		
S3000L		Iss 1.0			Iss 1.1	S1003X		
S4000M	Draft 0.1				Iss 1.0	Iss 2.0		
S5000F					Draft 0.2	Iss 1.0		
SX000i					Draft 0.1	Iss 1.0		

S1003X Iss 1.0

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Planning

Issue 4.1/4.2 Planning
- Lacked precision
- Requirement creep

Issue 4.1/4.2 Production
- Delivery slippage
- Stress on ~~g~~ and people

Drivers for change
- Resource reducing
- Maintain reputation

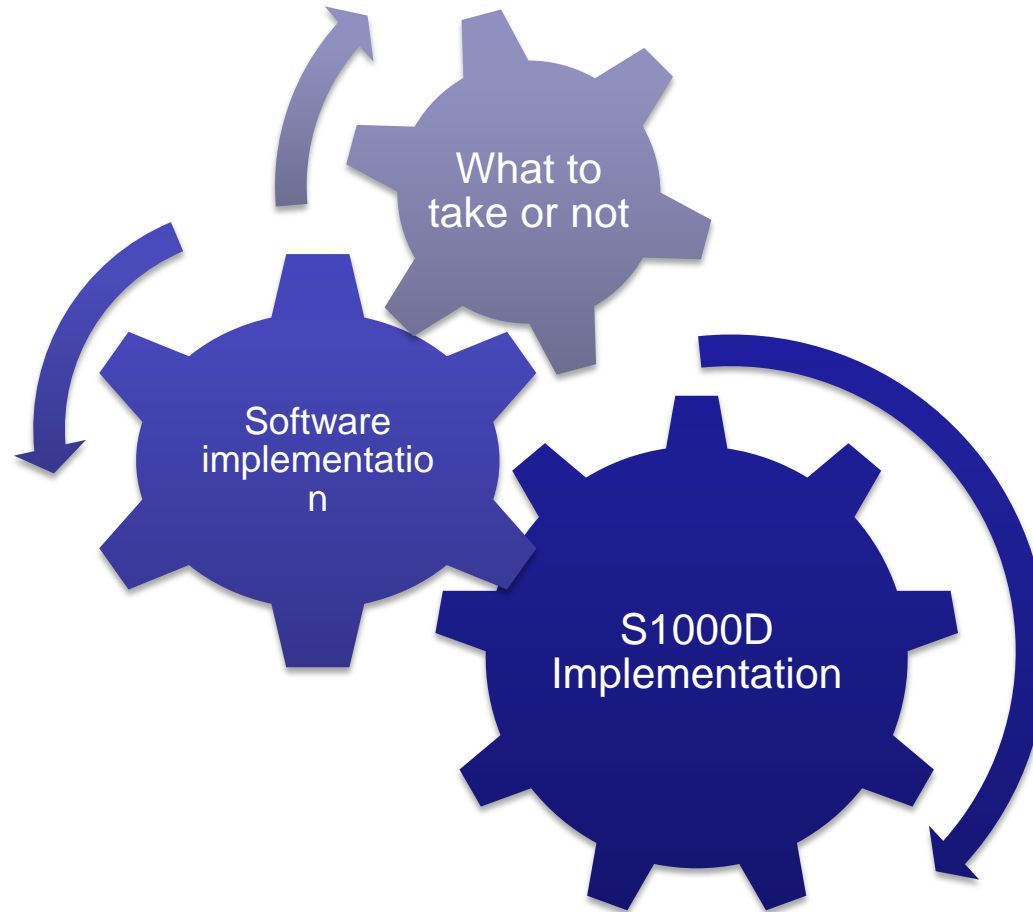SC has agreed that dates for issues should be Fixed

Implementation Problems

Way Forward

Create Plan

CPF Process

Progress modularization

Arrange meetings to meet plan requirements

CPF Process

CPF process needs to be adapted		
Packaging CPF	Based on similar changes	Changes to the same areas of the spec

Placing responsibility for change packages with Working Groups or Task Teams

Monitoring by PPWG

In Issues if ready in time for pre-planned issue date
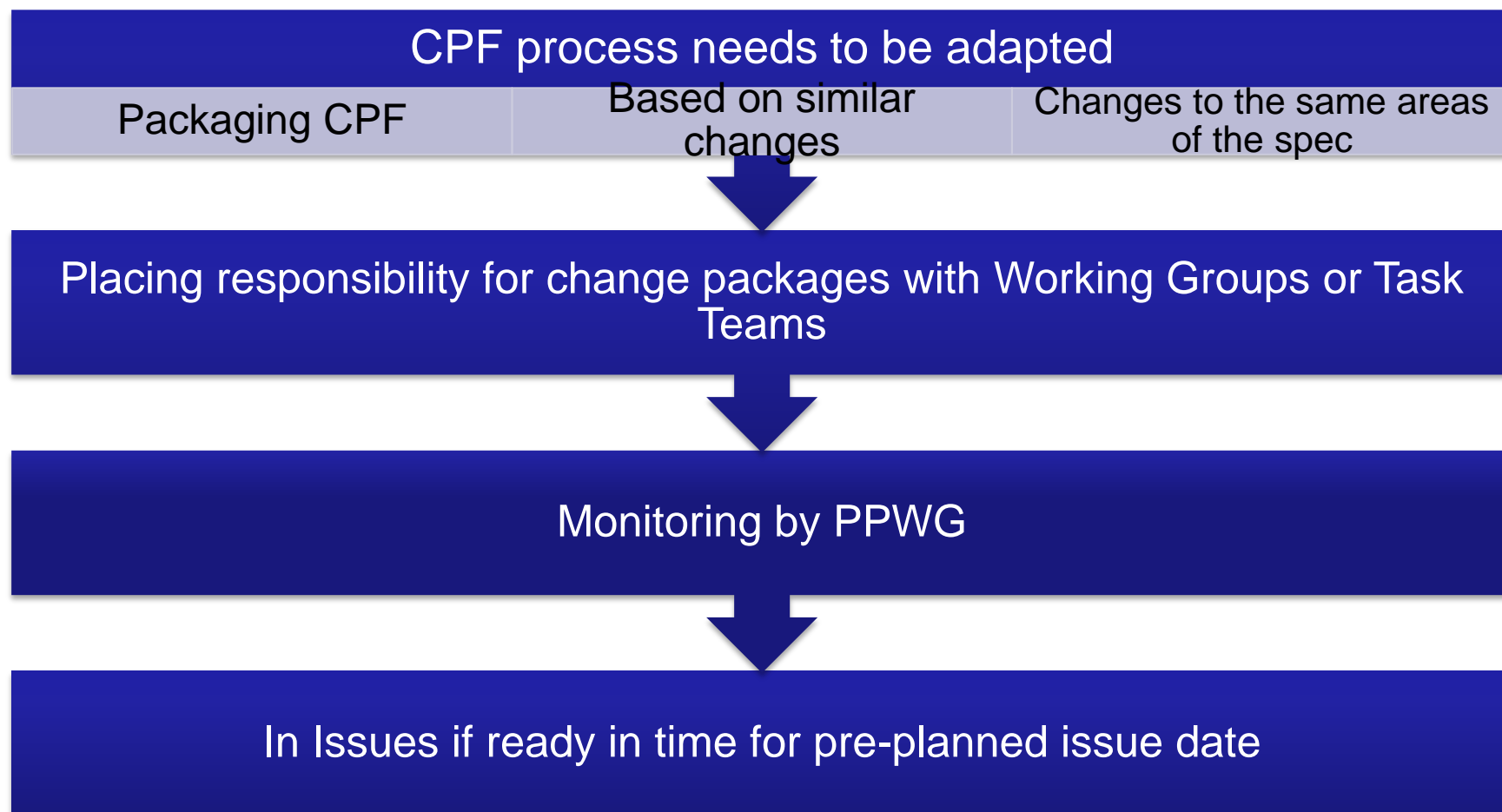
Modularization

Issue Policy

Minor is the point issue (e.g. 4.1) and must be backwards compatible with previous Issue.

⬇

Major is a issue that includes major changes (e.g 4.0). Currently, we maintain back as far as 3.0.

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When Issue 5.0 (modularisation) comes out, backwards maintenance goes back as far as the last major issue (i.e. 4.0).
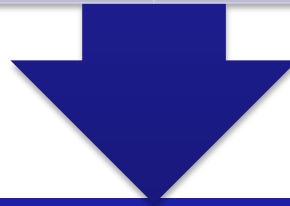
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It was noted at SC 19 that this is a minimum requirement

Maintenance Policy

Maintenance strategy

| Support bug fixes for previous issues back as far as 3.0 | No added functionality |

Backward compatibility

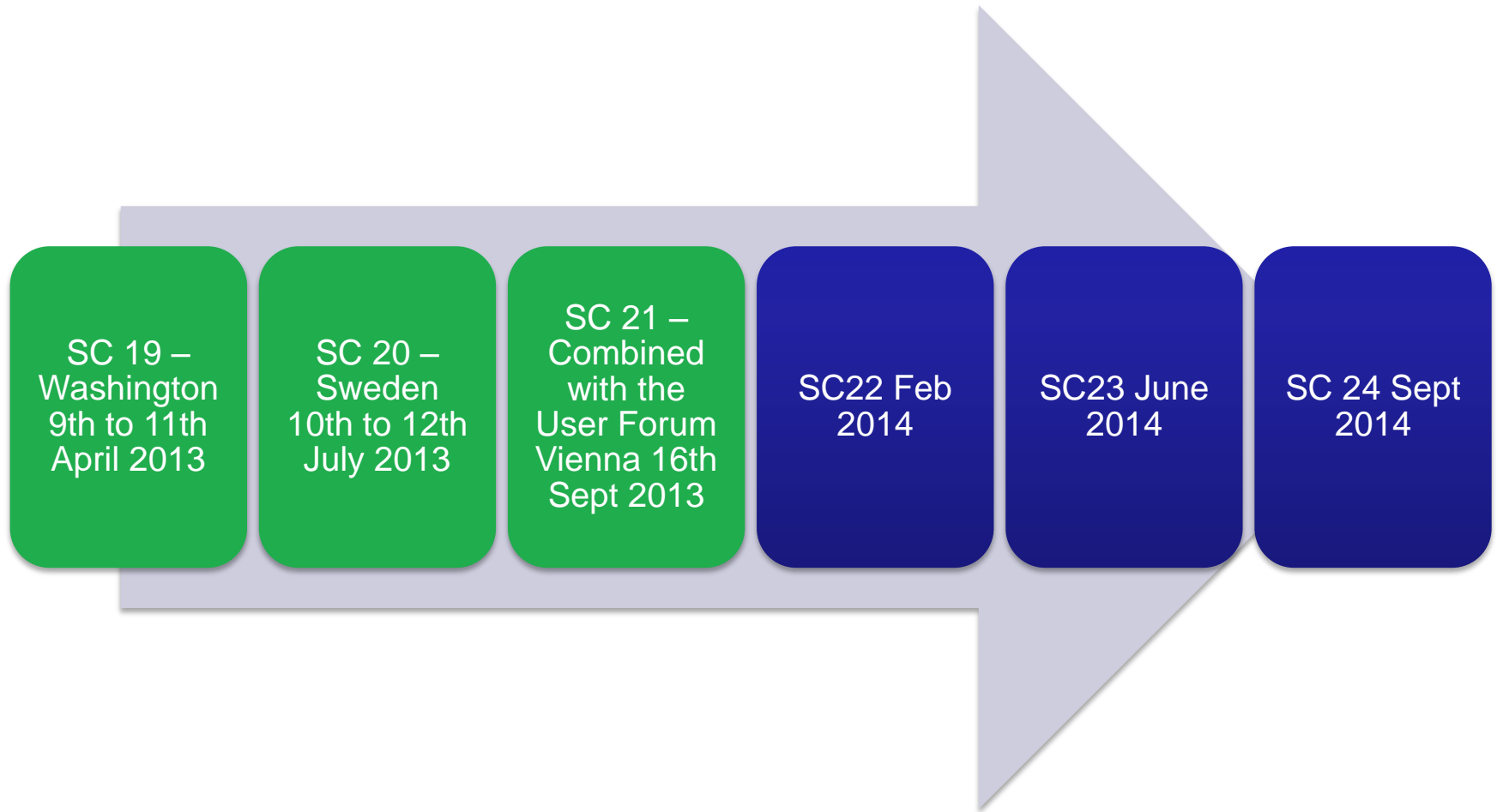For point issues is back to the last major issue

Issues

Issue 4.2 planning assumptions

Schema BUG fixes and associated Chapter text changes	All current Pending approval CPFs	Urgent CPF as defined by the SC.

2013/2014 Meeting Schedule

| SC 19 – Washington 9th to 11th April 2013 | SC 20 – Sweden 10th to 12th July 2013 | SC 21 – Combined with the User Forum Vienna 16th Sept 2013 | SC22 Feb 2014 | SC23 June 2014 | SC 24 Sept 2014 |

Summary – We will

Adopt change packages

Develop modularization

Provide a detailed plan

Fix Issue dates