

Replaces:

**ISO/IEC JTC 1
Information Technology**

Document Type: other (defined)

Document Title: ISO/IEC JTC 1 Maintenance Team on IT Vocabulary, Standards as Databases - Overview

Document Source: Maintenance Team Chairman

Document Status: This document is circulated to National Bodies for review and consideration at the November 2008 JTC 1 Plenary meeting in Nara.

Action ID: ACT

Due Date:

No. of Pages: 10

ISO/IEC JTC 1 Maintenance Team on IT Vocabulary

Standards as Databases - Overview

J. L. Côté and N. C. Ranger
November 2008



Standards As Databases - Overview

- TMB established Ad Hoc in 2005
- First mtg – Nov 2005
- Participants:
 - ISO/IEC JTC 1 *Information technology*
 - ISO/TC 10/SC 10 *Technical product documentation/Process plant documentation and tpd-symbols*
 - ISO/TC 23/SC 19 *Tractors and machinery for agriculture and forestry/Agricultural electronics*
 - ISO/TC 29 *Small tools*
 - ISO/TC 37 *Terminology and other language resources*
 - ISO/TC 61/SC 1 *Plastics/Terminology*
 - ISO/TC 145 *Graphical symbols*
 - ISO/TC 172 *Optics and photonics*
 - ISO/TC 184/SC 4 *Industrial automation systems and integration/Industrial data*
 - ISO/TC 199 *Safety of machinery*
 - ISO/TC 211 *Geographic information/Geomatics*
 - ISO/TC 215 *Health informatics*
 - IEC/TC 3

Standards As Databases - Objectives

- TMB had decided at its meeting in June 2005 to establish a special group to investigate issues relative to standards as databases and agreed that interested committees and member bodies be invited to participate (TMB resolution 47/2005).
- The mandate of the group was to investigate possibilities for the harmonization of approaches and review potential implications related to standards development procedures, technical infrastructure and commercial aspects of the use of databases.

Standards As Databases – Procedures Development Schedule

- First draft prepared by Ad Hoc – Dec 2006
- Report made to TMB in February 2007
- TMB requested distribution to ISO TC for comments
- Document issued for comments in March 2007
- Comments received from:
 - ISO/IEC JTC 1 liaison representative to ITSIG, Mr. Frank Farance
 - 2. ISO/IEC JTC 1/SC 22/WG 19 (convenor, Mr. Roger Scowen)
 - 3. ISO/IEC JTC 1/SC 27 (secretary, Ms. Krystyna Passia)
 - 4. ISO/TC 68 (secretary, Ms. Cindy Fuller)
 - 5. ISO/TC 145/SC 3/WG 1 (convenor, Richard D. Gast)
 - 6. ISO/TC 164/SC 2 (Secretary and chairman, Mr. Premysl Berounsky)
 - 7. ISO/TC 199 (Portuguese member)
 - 8. ISO/TC 211 (Secretary, Ms. Bjørnhild Sæterøy) (incl. comments from CEN/TC 287)
 - 9. ISO/CS staff (Dr. Mercè Ferres-Hernandez)
 - 10. ISO/TC 68 (Ms. Nourredine Yous, chair of ISO/TC 68)
 - 11. ISO/TC 145 (secretary, Mr. Bob Stratton)

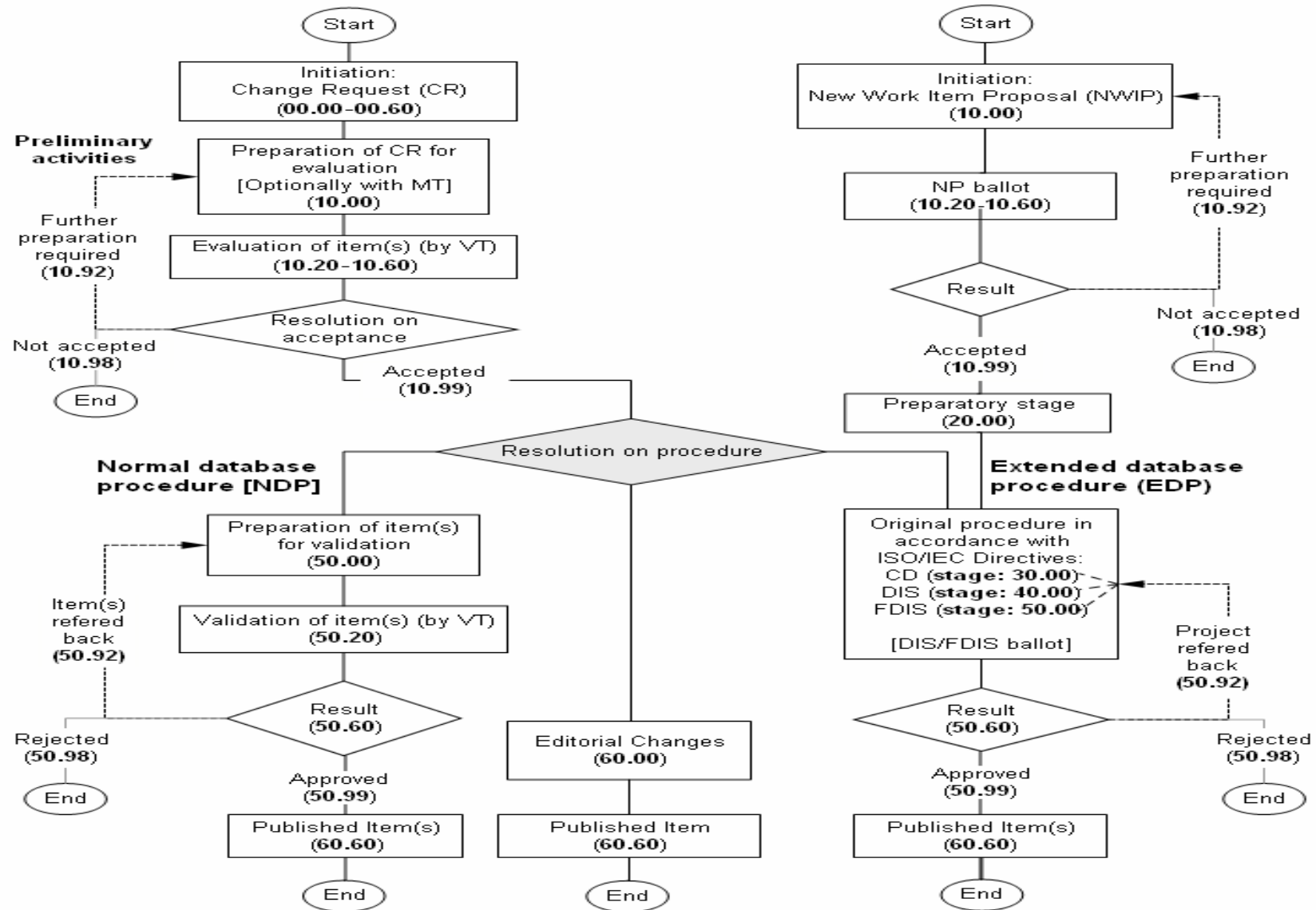
Standards As Databases – Procedures Development Schedule, cont

- All Comments reviewed
- Disposition of comments report – doc Std_DBs N51 (rev 2)
- Revised version of Procedures document – Std_DBs N52
- Approved by TMB in June 2007 as Annex ST of the ISO Supplement to the ISO/IEC Directives

Standards As Databases – Procedures Content

- Procedures document (annex ST) defines role of Maintenance Team & Validation Team
- New Work Item Proposal – Change Requests
- Two development methods:
 1. Normal database development procedure
 - Balloting period approx 3 months
 2. Extended database development procedure
 - Balloting period = regular CD, DIS, FDIS

Standards As Databases - Procedures



Standards As Databases - Procedures

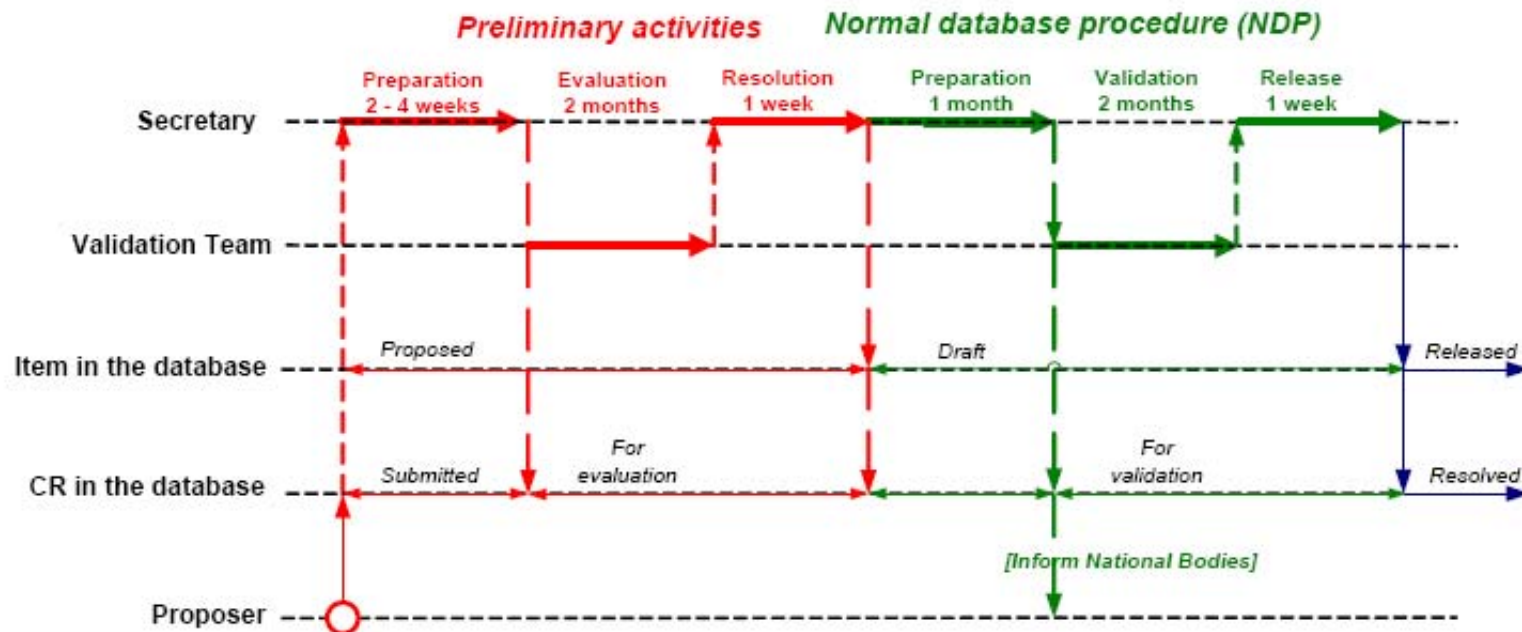


Figure ST.3 shows a process map of this procedure.

Standards As Databases - Procedures

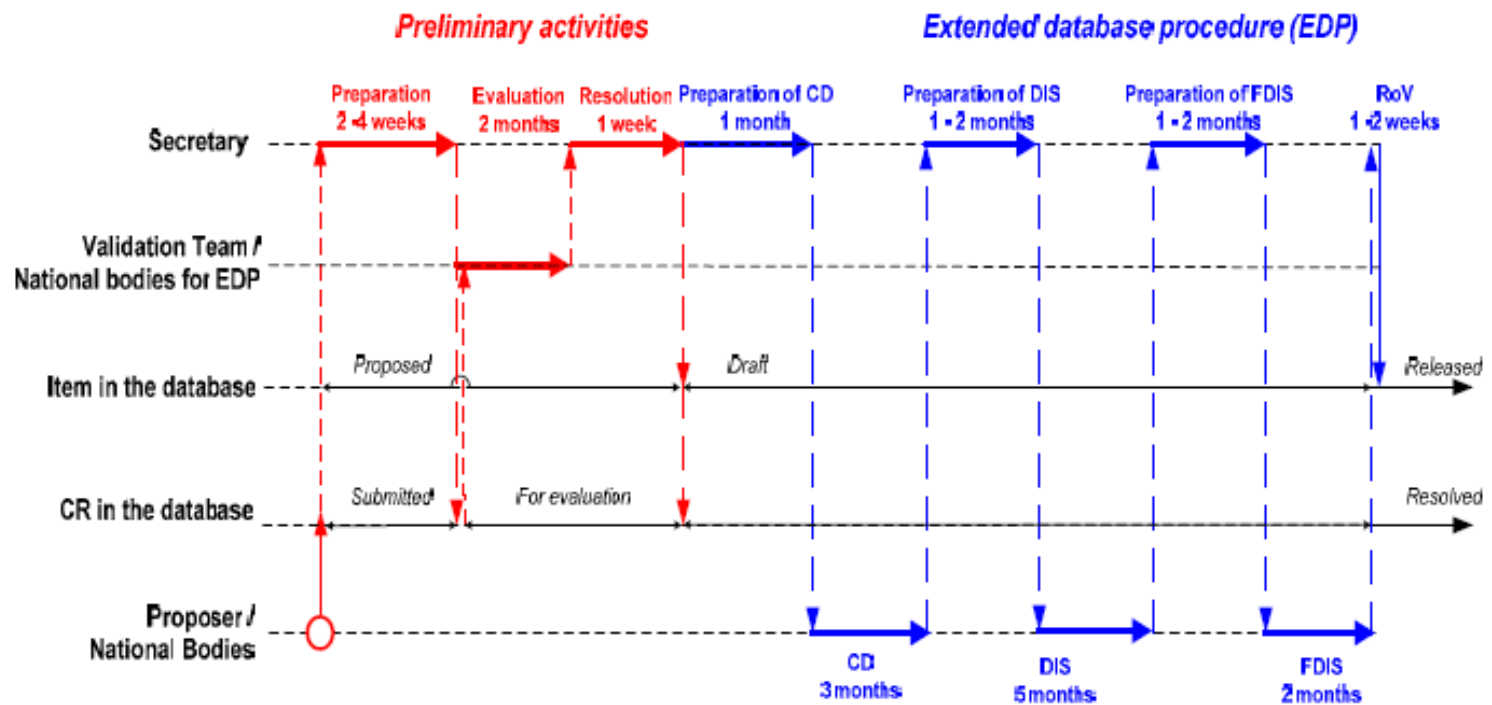


Figure ST.4 – Process map of the extended database procedure including preliminary activities