

CHANGE MANAGEMENT PROJECT REVIEW QUESTIONNAIRE

*Please answer questions inline or
provide a separate report addressing these questions
with your NWI proposal.*

1. What is the general scope of the NWI?

Integration of industrial data for exchange, access and sharing

2. Form(s) of resulting work

2.1 Is the work a revision to an existing standard or part?
(If so, please specify the standard and/or part.)

NO

2.2 Will the work produce a new part for one of the existing standards? (If so, please specify the standard and series.)

NO

3. Dependency on other standards

3.1 What are the normative references?

- ISO 10303-1, ISO 10303-11, ISO 13584-1, ISO 15531-1, ISO 15926-1

3.2 Will the normative references be stable (DIS or better) when this work becomes an International Standard?

YES (the target for this project is two ISO Technical Specifications)

3.3 Will changes be required to other standards/parts for this work to become IS? (If so, please specify standard/part and describe necessary changes for each.)

NO

3.4 Is there a need for any other NWIs for this work to become an IS? (If so, please specify.)

NO

4. Impact of this work

4.1 Who will benefit from this standard?

Users who wish to integrate data from multiple, heterogeneous sources.

4.2 Who are the implementors of this standard?

Standards developers (e.g., in SC4) who will use this standard to improve the quality, applicability and integration of future SC4 standards

4.3 Who will purchase software based on this standard?

N/A

4.4 Will other standards/parts be improved by this work?

Yes. This standard is intended to form the basis for integrating the existing SC4 standards and other standards in the domain of industrial and commercial knowledge and data.

- 4.5 What elements of the SC4 Strategic Plan (<http://www.nist.gov/sc4/n777>) are supported by this work?
U1, U4, U5, U6, U7, U9, I1, I3, S4, S5, S6, T4, T5, T6, T9

5. Resources

- 5.1 What are the resources supporting the work?

- Volunteer effort within WG10; proposed UK project to support technical development and editorial responsibility

- 5.2 What is the length of the resource commitment?

18 months from approval of NWI

- 5.3 What countries are supporting the work?

- UK, USA, Norway, Japan, Korea, France, Germany (based on participation in SC4 Data Architecture PWI workshops)

- 5.4 How will the Quality Requirements be met?

As required by SC4 Quality Manual, 10% of project resources will be allocated to achieving acceptable standard of quality in the project deliverables (of which one quarter will be allocated to quality system maintenance within the Quality Committee). The project will nominate a quality representative.

6. Schedule

- 6.1 What is the estimated schedule?

Committee Draft within 8 months of NWI approval; publication of Technical Specification within 18 months of NWI approval.

- 6.2 What is the schedule of critical dependencies?

N/A

- 6.3 What is the risk management plan?

The project has a policy of "risk avoidance" - a high value is placed on developing consensus and listening to external viewpoints. Substantial preparations (requirements gathering, development and evaluation of candidate solutions) have been undertaken in the "SC4 Data Architecture" PWI within WG10 since 1997. Our approach has been to take the time necessary to "get things right", and project schedules are sufficiently flexible to allow this policy to continue.

7. Relationship with other projects

- 7.1 With what other projects (IEC, ISO, Consortia) should this work be coordinated? (Also required on ISO form 4.)

- None

- 7.2 Is there any overlap in scope with existing work?

Yes - the scope of the proposed standard potentially encompasses all the work in SC4

- 7.3 List relevant organizations with which cooperation and liaison should exist. (Also required on ISO form 4.)

- All active A-liaisons to SC4.