OASIS TECHNICAL COMMITTEE

FORMAT OF AUTOMOTIVE REPAIR INFORMATION

Terms of Reference
Background Survey and Investigation

Document Control

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Notes:
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TC-xxx	General TC documents
SC1-xxx	Documents for sub-committee 1 – Use Cases and Requirements
SC2-xxx	Documents for sub-committee 2 – Architecture and Specification
SC3-xxx	Documents for sub-committee 3 – Terminology and Vocabulary
SC4-xxx	Documents for sub-committee 4 – Accessibility

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Version	Note
1.0	First version

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1. Scope

This Terms of Reference covers work to be undertaken by sub-committee SC3 – Terminology and Vocabulary of the OASIS Technical Committee for Format of Automotive Repair Information.

The scope of the work is to undertake a survey and investigation of existing terminology systems that may be applicable to the Format of Automotive Repair Information.

The Charter for the Technical committee (item 4) states that the scope should be to:

> "Identify industry-standard vocabulary such as keywords and elements (e.g. ISO 15031-2 (J1930) "OBD Terms and Definitions"), determine if such standards are applicable for the purpose of this project and, where necessary, take steps to either develop new standards or expand the scope of existing standards."

Furthermore, in the objectives of the Charter it states that:

> "The project will take account of similar standards or legislation adopted in other world areas."

The purpose of this study can be summarised as:

1. Survey all existing industry standard vocabularies and terminologies.
2. For each one identified, assess its suitability for use with the Format of Automotive Repair Information
3. Make a recommendation for the extent to which existing vocabularies and terminologies (if any) should be adopted by the project, and how they should be modified or extended

It should be recognised that standard a vocabulary may be required to represent meta data, including ontologies and/or taxonomies. SAE 2008 may be relevant in this respect.

A standard terminology may be required to represent terms in the content. ISO 15031-2 (J1930) "OBD Terms and Definitions" may be relevant in this respect.

The scope of requirements for terminology and vocabulary will also depend on the architectural approach taken for the final Specification for Format of Automotive Repair Information. The possible approaches (meta data and/or content oriented) are outlined in SC2-D3 Architecture Approaches.

Note also that SC2 – Architecture and Specification is undertaking a study of existing data models that may be applicable to the Format of Automotive Repair Information. There may be some overlap between that activity and this one, particularly in consideration of SAE J2008.

2. Deliverables

The deliverable from this work is a report (SC3-D2 Background Survey and Investigation).

3. Materials

The following materials will be used as input to the activities described in this terms of reference:

- SC1-D1 Use Case Summary contains a list of issues that should be considered

- SC3-004 Notes from SC-3 Meeting 02-08-02 contains minutes of a discussion that defines, in part, the scope of this deliverable

- SC3-005 Concepts and Definitions is a first draft which defines the concepts of terminology and vocabulary, particularly in relation to XML representations

- SC2-D3 Architecture Approaches provides an overview of the possible architectural approaches to creating a specification for the Format of Automotive Repair Information.

  Three approaches are considered:

  1. Single common format for representing repair information
  2. Common meta data specification for describing repair information
  3. Combined approach with common meta data and common format

4. Activities and Methods

The work covered by this Terms of Reference can be sub-divided into the following activities:

1. Identify and list existing terminology and vocabulary systems
2. Assess the suitability of each candidate
3. Agree a recommendation for the extent to which existing vocabularies and terminologies (if any) should be adopted by the project, and how they should be modified or extended

4.1 Identify Existing Terminology Systems

All members of the SC3 committee will provide input to identifying candidates from existing terminology system. These will be collated and documented in a first draft of the deliverable SC3-D2 Background Survey and Investigation which will be circulated to the sub-committee for comment.

4.2 Assess Suitability of Existing Terminology Systems

Develop a template set of criteria that can be used to assess the suitability of each candidate terminology system. Circulate and agree this within the sub-committee.

Use the template to assess each of the terminology systems identified in step one. Document the assessments in a second draft of the deliverable SC3-D2 Background Survey and Investigation which will be circulated to the sub-committee for comment.

4.3 Agree a Recommendation for the Use of Existing Terminology Systems

From the assessments in Step two, discuss and agree within the sub-committee a recommendation for the extent to which existing vocabularies and terminologies (if any) should be adopted for the Format of Automotive Repair Information.

The recommendation should cover:

- The existing terminology system
- How it should be applied
- Whether it should be modified and/or extended
- How it should be represented (eg in XML)

Produce a final version of the deliverable SC3-D2 Background Survey and Investigation which will be circulated to the Technical Committee for comment and voted upon for issue as a project deliverable.

5. Interactive Working

Members of the team working on the deliverables described in this Terms of Reference will interact using the following discussion list set up for the OASIS Technical Committee for Format of Automotive Repair Information:

autorepair-term@lists.oasis-open.org

To sign up to this list please go to http://lists.oasis-open.org/ob/adm.pl enter your email address and check the box marked 'subscribe' for the list ' autorepair-term '.

General discussion of the activities and deliverables should take place through the discussion list, which is open for scrutiny by any member of the public, and for comment by any OASIS member.

If necessary, participants in the activities may email each other directly to discuss points or issues that are not appropriate or relevant for the more open discussion list. Email addresses for the members of each of the sub-committees are contained in the overview documents

6. Timescale

The estimated timescale for completion of the activities and deliverables are shown in the following table.

Description	Due Date
First draft of SC3-D2 identifying terminology systems	18-10-02
Second draft of SC3-D2 with assessment of suitability	TBD

Description	Due Date
Final version of document	TBD

Note that the original timescale was for this work to be completed by 18th October, but the timescale has been pushed out due to the late start. The date for delivery of the final version of the deliverable will be set at the face-to-face meeting on 18th October.

7. Responsibilities and Resources

The Programme Managers will collate input and be responsible for the production of the document SC3-D2 Background Survey and Investigation.

The Programme Managers will try to find a member of the sub-committee SC3 to take overall responsibility for production of the deliverable.

Each member of sub-committee SC3 will contribute to, and comment, on the draft deliverable.

Eligible members of the Technical Committee will vote to accept the final document SC3-D2 Background Survey and Investigation, through an email vote.