

OASIS TECHNICAL COMMITTEE

FORMAT OF AUTOMOTIVE REPAIR INFORMATION

Notes on SC1 Meeting 18-11-02

Document Control

Document Code	SC1-008
Author(s)	John Chelsom
Date	20-11-02
Version	Version 1.0

Notes:

This document uses a standard template for the OASIS TC – Format of Automotive Repair Information. By using it, documents can be identified easily and tracked through version control. Documents in other formats and templates may be circulated as part of the work of the TC, but this template should be used where possible to help with general management of our work.

Document Codes are assigned to allow tracking and reference of versions. A list of all coded documents will be maintained by the programme managers. To obtain a new code for your document please email your intended title and document category to autorepair@csw.co.uk

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

Version numbers should be assigned starting with 1.0 and incremented with each new version circulated by the author(s). A version note should be added for each new version on page 2.

Please put the correct title on the front page and in the header on subsequent pages. The title field can be updated by selecting File|Properties and updating the Title field in the Summary tab. Then update the fields on the front page and header.

Please use heading styles Heading 1, Heading 2, etc for the titles of sections.

The table of contents on page 2 can be updated by right clicking and selecting Update.

Version	Note
1.0	First version

Contents

1. Introduction3
2. Actions on Requirements3
3. Next Steps6

1. Introduction

This document lists the actions and next steps following the meeting of the SC1 Use Case and Requirements sub-committee on 18th November 2002.

Attendees at the meeting were:

1. Bauer, Elmar
2. Bukholczer, Karel
3. Chelsom, John (Editor)
4. Coombes, Peter
5. Diettrich, Peter
6. Engels, Peter
7. Gotzen, Sylvia
8. Guillaneuf, Claude
9. Houlden, Peter
10. Jones, Chris
11. Klaue, Bernd
12. Klein, Dick
13. Koolen, Jan
14. Lamerigts, Dolf
15. Morali, Emin
16. O'Hare, Andrew
17. Parlett, Colin
18. Spell, Sabine
19. Stephenson, John
20. Stevens, Didier
21. van West, Frank
22. Ward, Mike
23. Wilde, David

The meeting considered the document submitted by AFCAR (SC1-D7 Comments SC1-D2 from AFCAR) as the input to be discussed in the meeting. It was agreed that this document also contained the comments and input from the Independent Publishers and CNPA which had previously been circulated to the group.

Comments from JAMA (including those circulated in SC1-005 were considered as each section was discussed).

2. Actions on Requirements

The tables below list those requirements which were not agreed at the meeting and therefore require further discussion.

The number of the requirement is taken from the SC1-D2 document (Version 2, dated 18-11-02).

The suggested action is either the Editor's understanding of what was discussed at the meeting and agreed as the next action, or a suggestion of how we might proceed. Input is welcome from any party, either as comments to be considered at the next meeting, or as a complete statement of the requirement.

In the actions, it is assumed that input from the Independent Publishers will be channelled through AFCAR for the purposes of discussion/agreement of issues prior to the next meeting.

Ref.	Requirement	Comment /Suggested Action
2.1.1.1	Information must cover all passenger cars and light commercial vehicles which are covered by the ODB directive.	This text to be agreed (or rewritten) by ACEA / JAMA
2.1.1.3	Information provided should include: <ul style="list-style-type: none"> • Transcription of DTC's in "clear" language, including manufacturer-specific codes • Information on mechanical hydraulic electrical and electronic components which are likely to impact vehicle emissions (identification, diagnosis, removal & fitting, test) – see section 2.2.4.1 • Diagnosis information – see section 2.2.4.2 • Training-related information – see section 2.2.6 • Location of diagnostic connector – diagram <p>[This requirement should cover the definition of repair information in Annex XI 2.29 of OBD Directive 98/69/EC]</p>	This text to be agreed (or rewritten) by ACEA / JAMA AFCAR to check that the requirement covers the definition of repair information in Annex XI 2.29 of OBD Directive 98/69/EC. Discussion is required between AFCAR and ACEA/JAMA representatives prior to re-wording of text in next version of SC1-D2
2.1.1.4	Pass-Through Programming: <ul style="list-style-type: none"> • Information from manufacturer advising appropriate software packages and version numbers. • Facility to connect vehicle to web-site to facilitate for re-programming in accordance with ISO 23248 Parts1-3 (SAE J2534) • Facility to use ISO 23248 Parts1-3 (SAE J2534) to re-set immobiliser on completion of repair, if this is necessary to complete the repair 	AFCAR to check that facility to connect vehicle is a requirement of ISO 23248 Discussion is required between AFCAR and ACEA/JAMA representatives prior to re-wording of text in next version of SC1-D2

Ref.	Requirement (text from SC1-D2)	Comment /Suggested Action
2.1.2.1	The following open text formats should be supported by the User Agents (ie the devices used to access information) ASCII, HTML, XML in defined format, PDF, RTF.	The text of these requirements was re-written by the Editor following the general discussion at the meeting and his understanding of the agreement that was reached. Each member should check the text of these requirements to confirm that they capture
2.1.2.2	The following open graphics formats should be supported by the User Agents (ie the devices used to access information) (JPEG, GIF, TIF, PDF, PNG....	

Ref.	Requirement (text from SC1-D2)	Comment /Suggested Action
2.1.2.3	Information should be made available by information producers in at least one of the open text or graphics formats	correctly the agreement at the meeting.
2.1.2.4	Information which cannot reasonably be made available in one of the open text or graphics formats, may be made available through the use of browser plug-ins.	
2.1.2.5	Any plug-ins used must be freely available and instructions on how to download and install them must be provided with the information	
2.1.2.6	Some guided diagnostics can only be provided through tool manufacturers. The information supplied to tool manufacturers is accepted in any form.	
2.1.2.7	Meta data should be made available in a standard format, to agreed in the technical specification of this Technical Committee	This requirement has been added by the Editor following the discussion on 'indexing' and the update of requirement 2.2.3.1

Ref.	Requirement (text from SC1-D2)	Comment /Suggested Action
2.1.3.3	<ul style="list-style-type: none"> Pass-through-programming 	This text to be rewritten by ACEA/JAMA Discussion is then required between AFCAR and ACEA/JAMA representatives prior to re-wording of text in next version of SC1-D2
2.1.3.4	<ul style="list-style-type: none"> Remote diagnostics 	

Ref.	Requirement (text from SC1-D2)	Comment /Suggested Action
2.1.5.9	<ul style="list-style-type: none"> [Statement about checking that access is for commercial users] 	This text to be written by AFCAR Discussion is then required between AFCAR and ACEA/JAMA representatives prior to re-wording of text in next version of SC1-D2

Ref.	Requirement (text from SC1-D2)	Comment /Suggested Action
2.2.1.1	Initially, the user is required to give the following vehicle identification information: VIN or <ul style="list-style-type: none"> Make Model Engine – Code Engine capacity or horse power (hp, PS or KW) if code not known replace Fuel – Type 	This text to be rewritten by ACEA/JAMA The manufacturers should propose the minium data set, from which a dialog between the user and the information provider can then be initiated.

Ref.	Requirement (text from SC1-D2)	Comment /Suggested Action
X.X.X.1	DTC	This text to be written by AFCAR Discussion is then required between AFCAR and ACEA/JAMA representatives prior to re-
X.X.X.2	Symptoms	
X.X.X.3	By remote diagnostics	
X.X.X.4	Maintenance	

Ref.	Requirement (text from SC1-D2)	Comment /Suggested Action
X.X.X.5	Training	wording of text in next version of SC1-D2

Ref.	Requirement (text from SC1-D2)	Comment /Suggested Action
2.2.4.2	<p>Test and diagnosis</p> <p>The following information is required on component tests and diagnosis:</p> <ul style="list-style-type: none"> • A description of tests to confirm its functionality - at the component or in the harness. • Test Procedure including test parameters • Connection details including min/max input /output driving/loading values & or torque settings • Any additional protocol information, not covered by ISO15031, required to enable complete system diagnostics of OBD related components. Including any additional hardware or software protocol information, parameter identification and transfer functions, fault code reading, functional tests (device activation or control), resetting adaptive learns, variant coding and replacement component setup, customer preferences, etc., access/security codes required for repair functions, and control module updating required to effect the repair. • Typical values expected under certain driving conditions including idling • Typical electrical values for the component in its static and dynamic states • Typical failure mode values for each of the above scenarios • Typical failure mode diagnostic sequences including fault trees and guided diagnostics elimination • Re-initialization procedures 	<p>This text to be written by ACEA / JAMA</p> <p>Discussion is then required between AFCAR and ACEA/JAMA representatives prior to re-wording of text in next version of SC1-D2</p>
2.2.4.3	Job time – [requirement is under discussion]	Discussion is required between AFCAR and ACEA/JAMA representatives prior to re-wording of text in next version of SC1-D2

Ref.	Requirement (text from SC1-D2)	Comment /Suggested Action
2.2.5.2	Repair Times related to service schedules – [requirement is under discussion]	Discussion is required between AFCAR and ACEA/JAMA representatives prior to re-wording of text in next version of SC1-D2
2.2.5.3	Security information [requirement is under discussion]	

3. Next Steps

- Feedback to be provided to the Editor on the actions listed above as soon as possible and no later than 25th November for circulation to all members of the SC1.

- A new version of the SC1-D2 document will be circulated on 25th November (or as soon as practical after that, but certainly in time for consideration before the next meeting of the SC1 sub-committee)
- The new version of SC1-D2 will be re-numbered and tidied up so that we have a 'clean' document to start discussions on 28th November.
- The next meeting of SC1 will take place on:

28th November starting at 11-30am

at:

CLEDIPA
Maison de l'Automobile,
Bld de la Woluwe 46,
1200 Brussels

Contact:

Joana Mesquita
Tel. +32-2-778.62.76
Fax +32-2-762.12.55