



NEW WORK ITEM PROPOSAL

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| | Proposer Japan | Date of proposal 2015-6-24 |
| | TC/SC TC 100 | Secretariat Japan |
| | Date of circulation 2015-06- | Closing date for voting 2015-10-02 |

A proposal for a new work item within the scope of an existing technical committee or subcommittee shall be submitted to the Central Office. The proposal will be distributed to the P-members of the technical committee or subcommittee for voting on the introduction of it into the work programme, and to the O-members for information. The proposer may be a National Committee of the IEC, the secretariat itself, another technical committee or subcommittee, an organization in liaison, the Standardization Management Board or one of the advisory committees, or the General Secretary. Guidelines for proposing and justifying a new work item are given in ISO/IEC Directives, Part 1, Annex C (see extract overleaf). **This form is not to be used for amendments or revisions to existing publications.**

The proposal (to be completed by the proposer)

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|---|---|
| Title of proposal CAR MULTIMEDIA SYSTEMS AND EQUIPMENT – DRIVE MONITOR SYSTEM | |
| Part 1 (TS): General Part 2 (IS): Camera interfaces and recording methods Part 3 (IS): Measurement methods | |
| <input checked="" type="checkbox"/> Standard | <input checked="" type="checkbox"/> Technical Specification |
| Scope (as defined in ISO/IEC Directives, Part 2, 6.2.1) Part 1: This Technical Specification specifies the model for generating the surrounding visual image of drive monitor system which provides vehicle users its visual image. Drive monitor system is specified by the function of the audio visual monitoring and recording as car multimedia systems and equipment. Part 2: This International Standard specifies the information sets which is provided by drive monitor system, and recording methods for that information and visual images. Part 3: This International Standard specifies the measurement methods of surrounding visual image for drive monitor system. | |
| Purpose and justification , including the market relevance, whether it is a proposed horizontal standard (Guide 108) ¹⁾ and relationship to Safety (Guide 104), EMC (Guide 107), Environmental aspects (Guide 109) and Quality assurance (Guide 102) . (attach a separate page as annex, if necessary) | |

¹⁾ Other TC/SCs are requested to indicate their interest, if any, in this NP to the TC/SC secretary.

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The purpose of this Technical Specification is to specify the model for generating the surrounding visual image of drive monitor system which provides car users its visual image. Drive monitor system is specified by the function of the audio visual monitoring and recording as car multimedia systems and equipment.

To ensure car position, the rearview monitor for the parking assistance, the blind corner monitor for displaying view of the blind spot at the bad crossing of the prospect, and the bird's-eye view monitor are used. But each camera monitor system provides a different view to the eye point of car driver. It's heavy burden for a car driver to switch these systems and quickly recognize the multiple fields of view. And the fields of view are limited at these camera systems and they cannot freely change the eye point depending on the driving situation. Thus the usage range of these systems is limited to such as the parking assistance. Furthermore, at the commercial car such as truck and bus, and the special car such as construction machinery and agricultural machinery, the usage range of these systems is limited more. No assistance person except car driver cannot ensure car position.

In order to solve those problems, this Technical Specification specifies the model for generating the surrounding visual image of drive monitor system which provides car users its visual image. With this drive monitor system, it is possible to ensure car position quickly at various driving situation. And not only the passenger car, but also the commercial car and the special car can ensure car position quickly.

Part 1 specifies the model for generating surrounding visual image of drive monitor. Part 2 specifies the information sets which is provided by drive monitor system, and recording methods for that information and visual images. Part 3 specifies the measurement methods of surrounding visual image for drive monitor system.

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| Target date | for first CD 2015-11 | for IS/ TS 2017-05 |
| Estimated number of meetings 2 | Frequency of meetings: 1 per year | Date and place of first meeting: 2015-10 in Minsk |
| Proposed working methods | <input checked="" type="checkbox"/> E-mail | <input checked="" type="checkbox"/> Collaboration tools |
| Relevant documents to be considered | | |
| Relationship of project to activities of other international bodies | | |
| Liaison organizations | Need for coordination within ISO or IEC | |
| <p>Preparatory work</p> <p>Ensure that all copyright issues are identified. Check one of the two following boxes</p> <p><input checked="" type="checkbox"/> A draft is attached for comment* <input checked="" type="checkbox"/> An outline is attached</p> <p>* Recipients of this document are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.</p> <p>We nominate a project leader as follows in accordance with ISO/IEC Directives, Part 1, 2.3.4 (name, address, fax and e-mail): Mr. Suehiro Kawanishi, Socionext Inc., 2-10-23 Shin-Yokohama, Kohoku-ku, Yokohama, Kanagawa, Japan, Tel: +81-80-2150-7171, E-mail: kawanishi.suehiro@socionext.com</p> | | |

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| Concerns known patented items (see ISO/IEC Directives, Part 2) | | Name and/or signature of the proposer |
| <input type="checkbox"/> Yes. If yes, provide full information as an annex | <input checked="" type="checkbox"/> no | Hiroshi Yasuda |
| Comments and recommendations from the TC/SC officers | | |
| 1) Work allocation | | |
| <input checked="" type="checkbox"/> Project team | <input type="checkbox"/> New working group | <input type="checkbox"/> Existing working group no: |
| 2) Draft suitable for direct submission as | | |
| <input type="checkbox"/> CD | <input type="checkbox"/> CDV/ DTS | |
| 3) General quality of the draft (conformity to ISO/IEC Directives, Part 2) | | |
| <input type="checkbox"/> Little redrafting needed | <input checked="" type="checkbox"/> Substantial redrafting needed | <input checked="" type="checkbox"/> no draft (outline only) |
| 4) Relationship with other activities | | |
| In IEC | | |
| In other organizations | | |
| 5) Proposed horizontal standard | | |
| <input type="checkbox"/> 1) | | |
| Remarks from the TC/SC officers | | |
| This series of proposal was discussed in the AGS Study Session and stage 0 project on car multimedia systems and presented in the AGS meeting which was held on 2015-04-22 in Milan. This proposal explores new area of car multimedia in the scope of TC 100 and the AGS recommended to submit the NP. This project will be allocated directly under TC 100. | | |

1) Other TC/SCs are requested to indicate their interest, if any, in this NP to the TC/SC secretary.

Approval criteria:

- Approval of the work item by a simple majority of the P-members voting;
- At least 4 P-members in the case of a committee with 16 or fewer P-members, or at least 5 P-members in the case of committees with more than 17 P-members, have nominated or confirmed the name of an expert and approved the new work item proposal.

Elements to be clarified when proposing a new work item

Title

Indicate the subject matter of the proposed new standard or technical specification.

Indicate whether it is intended to prepare a standard or a technical specification.

Scope

Give a clear indication of the coverage of the proposed new work item and, if necessary for clarity, exclusions.

Indicate whether the subject proposed relates to one or more of the fields of safety, EMC, the environment or quality assurance.

Purpose and justification

Give details based on a critical study of the following elements wherever practicable.

- The specific aims and reason for the standardization activity, with particular emphasis on the aspects of standardization to be covered, the problems it is expected to solve or the difficulties it is intended to overcome.
- The main interests that might benefit from or be affected by the activity, such as industry, consumers, trade, governments, distributors.
- Feasibility of the activity: Are there factors that could hinder the successful establishment or general application of the standard?
- Timeliness of the standard to be produced: Is the technology reasonably stabilized? If not, how much time is likely to be available before advances in technology may render the proposed standard outdated? Is the proposed standard required as a basis for the future development of the technology in question?
- Urgency of the activity, considering the needs of the market (industry, consumers, trade, governments etc.) as well as other fields or organizations. Indicate target date and, when a series of standards is proposed, suggest priorities.
- The benefits to be gained by the implementation of the proposed standard; alternatively, the loss or disadvantage(s) if no standard is established within a reasonable time. Data such as product volume or value of trade should be included and quantified.
- If the standardization activity is, or is likely to be, the subject of regulations or to require the harmonization of existing regulations, this should be indicated.

If a series of new work items is proposed, the purpose and justification of which is common, a common proposal may be drafted including all elements to be clarified and enumerating the titles and scopes of each individual item.

Relevant documents

List any known relevant documents (such as standards and regulations), regardless of their source. When the proposer considers that an existing well-established document may be acceptable as a standard (with or without amendments), indicate this with appropriate justification and attach a copy to the proposal.

Cooperation and liaison

List relevant organizations or bodies with which cooperation and liaison should exist.

Preparatory work

Indicate the name of the project leader nominated by the proposer.

CONTENTS

| | | |
|----|---|----|
| 1 | | |
| 2 | | |
| 3 | FOREWORD | 6 |
| 4 | INTRODUCTION | 8 |
| 5 | 1 Scope | 9 |
| 6 | 2 Terms and definitions | 9 |
| 7 | 3 System model | 9 |
| 8 | 3.1 General | 9 |
| 9 | 3.2 Number of Camera and Camera field of view | 10 |
| 10 | 3.3 Method for projecting visual image to 3D projection surface | 11 |
| 11 | 3.4 Visualizing the projection image at free eye point | 12 |
| 12 | 3.5 Capable free eye point | 13 |
| 13 | 4 Camera configuration | 13 |
| 14 | 4.1 Camera | 13 |
| 15 | 4.2 Lens distortion data | 13 |
| 16 | 4.2.1 Distortion data of rotationally symmetric lens | 13 |
| 17 | 4.2.2 Distortion data of non rotationally symmetric lens | 14 |
| 18 | 4.3 Optical axis shift data | 14 |
| 19 | 5 Rendering | 14 |
| 20 | 5.1 General | 14 |
| 21 | 5.2 Composition view data | 15 |
| 22 | 5.2.1 3D projection surface data | 15 |
| 23 | 5.2.2 Capture spec data | 15 |
| 24 | 5.2.3 Conversion of eye point parameter | 15 |
| 25 | 5.2.4 Virtual 3D image car model data | 16 |
| 26 | 5.2.5 Guide line and Bitmap data | 17 |
| 27 | 5.2.6 Layout data and Layer setting data | 18 |
| 28 | Annex A (informative) Camera mounting to the car | 20 |
| 29 | A.1 Camera mounting position | 20 |
| 30 | A.2 Camera mounting height | 20 |
| 31 | A.3 Camera mounting angle | 20 |
| 32 | Annex B (informative) Camera field of view | 22 |
| 33 | Annex C (informative) Camera calibration | 23 |
| 34 | Annex D (informative) Display | 24 |
| 35 | D.1 Display spec data | 24 |
| 36 | D.2 Composition view change mode | 24 |
| 37 | Annex E (informative) Time behaviour | 25 |
| 38 | E.1 Start up time | 25 |
| 39 | E.2 Frame rate | 25 |
| 40 | E.3 Latency | 25 |
| 41 | Bibliography | 26 |
| 42 | | |
| 43 | Figure 1 – System model for drive monitor system | 10 |
| 44 | Figure 2 – Horizontal angle of view at the camera | 10 |
| 45 | Figure 3 – Vertical angles of view at the camera | 11 |
| 46 | Figure 4 – 3D projection surface | 12 |

| | | |
|----|--|----|
| 47 | Figure 5 – Projecting to 3D projection surface | 12 |
| 48 | Figure 6 – Distortion data of rotationally symmetric lens | 13 |
| 49 | Figure 7 – Distortion data format of rotationally symmetric lens | 13 |
| 50 | Figure 8 – Distortion data of non rotationally symmetric lens | 14 |
| 51 | Figure 9 – Distortion data format of non rotationally symmetric lens | 14 |
| 52 | Figure 10 – 3D projection surface data | 15 |
| 53 | Figure 11 – Camera angle in conversion of eye point | 16 |
| 54 | Figure 12 – camera position / scaling in conversion of eye point | 16 |
| 55 | Figure 13 – Virtual 3D image car model at original dimension | 17 |
| 56 | Figure 14 – Virtual 3D image car model at real dimension | 17 |
| 57 | Figure 15 – Guide line and Bitmap data | 18 |
| 58 | Figure 16 – Camera image coordinate system | 18 |
| 59 | Figure 17 – Screen coordinate system | 19 |
| 60 | Figure 18 – Object coordinate system | 19 |
| 61 | Figure 19 – Layout data and Layer setting data | 19 |
| 62 | Figure A.1 – Camera mounting position | 20 |
| 63 | Figure A.2 – Camera mounting height | 20 |
| 64 | Figure A.3 – Camera mounting angle | 21 |
| 65 | Figure C.1 – Camera calibration | 23 |
| 66 | | |
| 67 | | |
| 68 | | |