

## ISO/IEC DIS 29500 BALLOT RESOLUTION MEETING

Geneva, 2008-02-25..29

RESOLUTIONS OF THE MEETING

GB 2008-03-01 18:20

## Legend:

*Red italics are used for Resolutions.*

R mmmm =

Response “mmmm” contained in SC 34 N 980, i.e. a disposition of comments proposed by the Editor of ISO/IEC DIS 29500.

The files referred to are available on the BRM web site, managed by the ISO/IEC JTC 1/SC 34 Secretariat, or by default in a zip file available from ITTF.

*Resolution 1: The BRM approves the editing instructions contained in <http://www.itscj.ipsj.or.jp/sc34/def/BRM/AU28-draft.htm> as a replacement for R 28—so resolved.*

*Resolution 2: The BRM decides to accept the instructions contained in [http://www.itscj.ipsj.or.jp/sc34/def/BRM/Response\\_CA-0075\\_and\\_CA-0078\\_Accessibility\\_Annex\\_V2.doc](http://www.itscj.ipsj.or.jp/sc34/def/BRM/Response_CA-0075_and_CA-0078_Accessibility_Annex_V2.doc) as a replacement for R 91; those in [http://www.itscj.ipsj.or.jp/sc34/def/BRM/Response\\_CA-0072\\_Document\\_Navigation.doc](http://www.itscj.ipsj.or.jp/sc34/def/BRM/Response_CA-0072_Document_Navigation.doc) as an addendum to R 120, which is accepted; those in [http://www.itscj.ipsj.or.jp/sc34/def/BRM/Response\\_CA-0073\\_Image\\_Maps.doc](http://www.itscj.ipsj.or.jp/sc34/def/BRM/Response_CA-0073_Image_Maps.doc) as a replacement for R 121; those in [http://www.itscj.ipsj.or.jp/sc34/def/BRM/Response\\_NZ-0011\\_Table\\_Captions.doc](http://www.itscj.ipsj.or.jp/sc34/def/BRM/Response_NZ-0011_Table_Captions.doc) as a replacement for R 94; and those in [http://www.itscj.ipsj.or.jp/sc34/def/BRM/Response\\_CA-0069\\_Labels.doc](http://www.itscj.ipsj.or.jp/sc34/def/BRM/Response_CA-0069_Labels.doc) as an addition to R 119, which is accepted—so resolved.*

*Resolution 3: The BRM accepts the proposed response to BR-7 contained in [http://www.itscj.ipsj.or.jp/sc34/def/BRM/Response\\_BR-0007\\_Web\\_Browsers.doc](http://www.itscj.ipsj.or.jp/sc34/def/BRM/Response_BR-0007_Web_Browsers.doc) but with an addition which makes it clear that the list is open-ended and with a correct reference for each entry—so resolved.*

*Resolution 4: The BRM accepts the proposed response to CZ-6 contained in [http://www.itscj.ipsj.or.jp/sc34/def/BRM/Response\\_CZ-0006\\_ST\\_LangCode.doc](http://www.itscj.ipsj.or.jp/sc34/def/BRM/Response_CZ-0006_ST_LangCode.doc) as a replacement for R 16, but with the following change: column 2 of the first table shall be headed “Description (informative)” —so resolved.*

*Resolution 5: The BRM accepts the editing instructions contained in [http://www.itscj.ipsj.or.jp/sc34/def/BRM/Response\\_FI-0010\\_measurements\\_v2.doc](http://www.itscj.ipsj.or.jp/sc34/def/BRM/Response_FI-0010_measurements_v2.doc) with “informal” being replaced by “informative”, in replacement of R 364, R 19, R 705, R 362, R 620 and R 103—so resolved.*

*Resolution 6: Additionally, the BRM accepts the editing instructions contained in [http://www.itscj.ipsj.or.jp/sc34/def/BRM/Response\\_FI-0010\\_percentages.doc](http://www.itscj.ipsj.or.jp/sc34/def/BRM/Response_FI-0010_percentages.doc) but with the following changes: throughout the text, add the specific Unicode value U+0025 for the percentage sign; and*

change all ranges to use the English words “from x up to [and including] infinity”, “inclusive[ly]”/“exclusive[ly]” etc.—[so resolved](#).

KR objected to Resolution 6.

**Decision:** The BRM decided to retain the valIso, val, maxValIso, maxVal, refreshedDate and refreshedDateIso attributes and mark val, maxVal, refreshedDate “transitional”.

ZA and DE opposed the above decision.

*Resolution 7: The BRM resolves to accept the editing instructions contained in [http://www.itscj.ipsj.or.jp/sc34/def/BRM/Response\\_DE-0028\\_dates\\_v9.doc](http://www.itscj.ipsj.or.jp/sc34/def/BRM/Response_DE-0028_dates_v9.doc) in replacement of R 18 and R 43, but with the following corrections: the words “ISO value” shall be replaced by the words “ISO 8601 value”; page 9, line 24 shall be restored and line 23 shall be marked “transitional”; and all changes as well as choices among alternatives rendered necessary by the Decision above shall be made—results of the vote: 19 in favour; 3 against (EC, US, ZA); 9 abstentions (JP, KR, IE, AU, BR, CN, NL, MX and GR): [so resolved](#).*

*Resolution 8: In Part 4, 6.1.2.19, equationxml, p 4653, the Note shall reference “Recommendation MathML version 2.0”, not “Working Draft specification”—[so resolved](#).*

*Resolution 9: The BRM resolves to accept the editing instructions contained in [http://www.itscj.ipsj.or.jp/sc34/def/BRM/Response\\_GR-0014\\_equationxml.doc](http://www.itscj.ipsj.or.jp/sc34/def/BRM/Response_GR-0014_equationxml.doc) in replacement of R 80, but with the following change: the attribute proposed for removal shall be made into a “transitional” attribute instead of being removed, with a note making clear that the new mechanism is preferred—[so resolved](#) by consensus, with CZ, DE and JP dissenting.*

*Resolution 10: The BRM accepts R 92 and R 992 with the changes to these responses contained in [http://www.itscj.ipsj.or.jp/sc34/def/BRM/CA\\_Conformance\\_Class\\_Proposa\\_Draft4.doc](http://www.itscj.ipsj.or.jp/sc34/def/BRM/CA_Conformance_Class_Proposa_Draft4.doc)—[so resolved](#).*

*Resolution 11: The BRM decides to accept R 34 with the change contained in <http://www.itscj.ipsj.or.jp/sc34/def/BRM/IE-0010r.doc>—[so resolved](#).*

*Resolution 12: The BRM decides to accept the changes contained in [http://www.itscj.ipsj.or.jp/sc34/def/BRM/Response\\_IL-0023\\_bidirectional\\_annex.doc](http://www.itscj.ipsj.or.jp/sc34/def/BRM/Response_IL-0023_bidirectional_annex.doc) in replacement of R 729—[so resolved](#).*

*Resolution 13: The BRM accepts the proposed response to JP-40 and JP-46 contained in [http://www.itscj.ipsj.or.jp/sc34/def/BRM/JP-040\\_and\\_JP-046\\_OPC\\_Conformance\\_-\\_Revised\\_v3.doc](http://www.itscj.ipsj.or.jp/sc34/def/BRM/JP-040_and_JP-046_OPC_Conformance_-_Revised_v3.doc), in amendment of R 224 and R 211 which are otherwise accepted—[so resolved](#).*

*Resolution 14: The BRM accepts the editing instructions contained in the section “ECMA: Proposal for Reorganizing DrawingML” of <http://www.itscj.ipsj.or.jp/sc34/def/BRM/KR-18-24-DrawingML-ECMA.doc> —[so resolved](#).*

*Resolution 15: The BRM accepts the editing instructions contained in the following three files: [http://www.itscj.ipsj.or.jp/sc34/def/BRM/Part\\_1\\_of\\_5\\_Conformance.doc](http://www.itscj.ipsj.or.jp/sc34/def/BRM/Part_1_of_5_Conformance.doc), [http://www.itscj.ipsj.or.jp/sc34/def/BRM/Part\\_5\\_of\\_5\\_Conformance.doc](http://www.itscj.ipsj.or.jp/sc34/def/BRM/Part_5_of_5_Conformance.doc) and [http://www.itscj.ipsj.or.jp/sc34/def/BRM/US-multi-part\\_proposal\\_final.doc](http://www.itscj.ipsj.or.jp/sc34/def/BRM/US-multi-part_proposal_final.doc); with the understanding that the Scopes may be changed in a later Resolution, and the following changes: the proposed Part 4 (Primer) and the Annex covering accessibility guidelines shall become Annexes of the new Part 1; the following sentence shall be added after the sentence commencing “The Editor shall”: “The Editor is instructed to use ISO conformance language, ‘shall’, ‘should’ etc., in all normative text”—[so resolved](#).*

Resolution 16: Remove “(all parts)” from any reference in the text to ISO/IEC 10646:2003: **so resolved**.

Resolution 17: The BRM accepts the editing instructions contained in [http://www.itscj.ipsj.or.jp/sc34/def/BRM/Response\\_MX-0003\\_VML.doc](http://www.itscj.ipsj.or.jp/sc34/def/BRM/Response_MX-0003_VML.doc), as an amendment to R 92 in addition to those in Resolution 10—**so resolved**.

Resolution 18: The BRM decides that a reference to the W3C “WAI” document on accessibility shall be inserted by the Editor—**so resolved**.

Resolution 19: The BRM decides that the text “(from Microsoft Office 97 to Microsoft Office 2008 inclusive)” shall appear in Scope texts after the text “Microsoft Office applications”—votes in favour: 17; against: 6; abstentions: 9; **so resolved**.

Resolution 20: The BRM decides to accept the editing instructions contained in <http://www.itscj.ipsj.or.jp/sc34/def/BRM/MulitPartAndScope.doc>, ignoring everything after “Proposed resolution”, and with the following additions: a forward pointer to any terms defined elsewhere shall be used as necessary; and the text “(from Microsoft Office 97 to Microsoft Office 2008 inclusive)” shall appear after “Microsoft Office applications”—**so resolved**.

FR objected to Resolution 20.

Resolution 21: The BRM decides to instruct the Editor to incorporate an informative specification of the following, with a reference to it from the Scope:

- All XML elements which appear in ISO/IEC 29500 but do not appear in ECMA-376:2006
  - All XML elements which do not appear in ISO/IEC 29500 but appear in ECMA-376:2006
  - All XML attributes which appear in ISO/IEC 29500 but do not appear in ECMA-376:2006
  - All XML attributes which do not appear in ISO/IEC 29500 but appear in ECMA-376:2006
  - All enumeration values which appear in ISO/IEC 29500 but do not appear in ECMA-376:2006
  - All enumeration values which do not appear in ISO/IEC 29500 but appear in ECMA-376:2006
  - All simple types which appear in ISO/IEC 29500 but do not appear in ECMA-376:2006
  - All simple types which do not appear in ISO/IEC 29500 but appear in ECMA-376:2006
- so resolved**.

Resolution 22: The BRM decides that all examples throughout ISO/IEC DIS 29500 shall be well-balanced XML feasibly valid to the normative schemas, taking account of ellipses which may be used to shorten examples. The Editor is instructed to make these corrections, for checking by ITTF—**so resolved**.

Resolution 23: The BRM accepts the editing instructions contained in <http://www.itscj.ipsj.or.jp/sc34/def/BRM/PT-60A2.doc> as modifications to R 93, R 98, R 78, R 80, R 82 and R 100, which are otherwise accepted except as modified in other Resolutions; with the following changes: the MIME type of text shall be given as “text/plain” and the MIME type of HTML shall be given as “text/html”; and “Open XML Math” shall be replaced with a reference to the appropriate part of this specification—**so resolved**.

CA and CZ objected to Resolution 23.

Resolution 24: The BRM accepts the editing instructions contained in <http://www.itscj.ipsj.or.jp/sc34/def/BRM/PT-60B2.doc>—**so resolved**.

Resolution 25: The BRM decides to accept the editing instructions contained in [http://www.itscj.ipsj.or.jp/sc34/def/BRM/Response\\_0135\\_bitfields.doc](http://www.itscj.ipsj.or.jp/sc34/def/BRM/Response_0135_bitfields.doc) in place of R 135, replacing “deprecated” by “transitional”, and with the following addition: The Editor shall ensure that all existing attributes defining the bitfields described above shall be “transitional”—**so resolved**.

*Resolution 26: The BRM decides to accept the editing instructions contained in [http://www.itscj.ipsj.or.jp/sc34/def/BRM/Response\\_US-0075\\_numbering.doc](http://www.itscj.ipsj.or.jp/sc34/def/BRM/Response_US-0075_numbering.doc) as a replacement for R 65, replacing in lowerLetter and upperLetter descriptions the word “language” with “script” and striking out the word “modern”—so resolved.*

*Resolution 27: The BRM decides that ISO/IEC DIS 29500 shall be changed so that the XML schemas are normative. The schemas shall be contained in a normative Annex and shall be line-numbered—so resolved.*

*Resolution 28: The BRM decides that no part of the schemas shall be repeated normatively in the body text. The body text shall refer to schema constructs by: Annex number, clause or subclause number, and declaration name; and by the line number for convenience—so resolved.*

CA objected to Resolution 28.

*Resolution 29: The BRM decides to accept the editing instructions contained in [http://www.itscj.ipsj.or.jp/sc34/def/BRM/Response\\_CA-0064\\_escaped\\_characters.doc](http://www.itscj.ipsj.or.jp/sc34/def/BRM/Response_CA-0064_escaped_characters.doc) in addition to R 84, which is otherwise accepted—so resolved.*

*Resolution 30: The BRM decides to accept the editing instructions contained in [http://www.itscj.ipsj.or.jp/sc34/def/BRM/CA-041\\_BR-043\\_Security\\_Descriptor.doc](http://www.itscj.ipsj.or.jp/sc34/def/BRM/CA-041_BR-043_Security_Descriptor.doc) in replacement of R 74, but changing maxOccurs of the securityDescriptor element from 255 to unbounded—so resolved.*

*Resolution 31: The BRM decides to accept the editing instructions contained in <http://www.itscj.ipsj.or.jp/sc34/def/BRM/CZ-0053-corrected.pdf> in replacement of R 41, and also to correct in the same way all other occurrences of UTF-16 in the context of serializing Unicode strings for cryptographic operations—so resolved.*

*Resolution 32: The BRM decides to accept<sup>1</sup> the new text contained in [http://www.itscj.ipsj.or.jp/sc34/def/BRM/Response\\_CZ-0053\\_hashing.doc](http://www.itscj.ipsj.or.jp/sc34/def/BRM/Response_CZ-0053_hashing.doc) —so resolved.*

*Resolution 33: With respect to “compatibility settings” the BRM accepts the Editor’s proposed editing instructions on this subject as captured by responses 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133 and 34, but additionally the Editor shall include a bi-directional cross-reference between the legacy compatibility settings and the new compatibility settings element—so resolved.*

BR objected to Resolution 33.

*Resolution 34: The BRM decides to accept the instructions contained in [http://www.itscj.ipsj.or.jp/sc34/def/BRM/Response\\_FI-0006\\_repeated\\_complex\\_types.doc](http://www.itscj.ipsj.or.jp/sc34/def/BRM/Response_FI-0006_repeated_complex_types.doc) as an addition to R 21 which is otherwise accepted—so resolved.*

*Resolution 35: The BRM decides to accept the instructions contained in [http://www.itscj.ipsj.or.jp/sc34/def/BRM/Response\\_DE-0150\\_alternative\\_format\\_import\\_part.doc](http://www.itscj.ipsj.or.jp/sc34/def/BRM/Response_DE-0150_alternative_format_import_part.doc) as a replacement for R 140, with the following changes: the MIME types shall be corrected as in Resolution 23—so resolved.*

CZ objected to Resolution 35.

*Resolution 36: The following responses are accepted and the corresponding editing instructions are issued to the Editor with the additional instructions given at the end: 104, 171, 193, 197, 217, 218, 219, 242, 250, 253, 259, 260, 262, 275, 277, 278, 281, 297, 298, 314, 320, 321, 360, 367, 381, 382, 395, 398, 399, 400, 401, 404, 406, 407, 408, 420, 437, 442, 443, 446, 449, 451, 455,*

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<sup>1</sup> Note possible interference with R 102.

456, 457, 459, 460, 478, 487, 488, 496, 513, 518, 520, 523, 524, 525, 527, 528, 547, 549, 560, 561, 563, 565, 608, 611, 632, 637, 638, 639, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 677, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 737, 739, 740, 768, 814, 825, 827, 851, 852, 868, 873, 881, 896, 912, 916, 919, 922, 941, 984. In R 651, “when” shall be deleted. In R 739 and R 768 the NB proposed change shall be implemented. The change described in the NB proposed change in R 768 shall also be made in 2.16.5.44 and 2.16.5.45. In R 941 only the change from “contain” to “have” shall be made—resolved by consensus with three NBs opposed: BR, MY, ZA.

*Resolution 37 “Option 4 prime”:* The BRM decides to use the following form to decide, by majority voting, on each disposition of comments proposed by the Editor (“Response”) which has not been explicitly accepted or rejected by the BRM in other ways (list enclosed). A simple majority of “Approved”s of the votes on that “Response” will be required to implement each Response; abstentions are not counted. In the event of a tie on a “Response”, no editing instruction will result from that “Response”—results of the vote: 29 in favour; none against; two abstentions (DE, BE): **so resolved**.

ISO/IEC DIS 29500 Ballot Resolution Meeting

== Voting Paper ==

National Bodies are requested to use this form to record their positions on proposed dispositions by the Project Editor as recorded in N 980, in accord with the resolution passed by the meeting.

*Note: decisions taken in meeting sessions which apply to proposed dispositions shall override any results arrived at through counting National Body votes as registered using this form.*

National Body \_\_\_\_\_

We wish to record the following position for responses not otherwise decided upon in the resolutions of the meeting.

Approve [ ] Disapprove [ ] Abstain [ ]

We do not wish to record any position [ ]

Exceptions

Exceptions to the above default position (if any) may be recorded in the following table. If no default position is given above, the following are the votes we wish to submit.

<b>Response Number</b>	<b>Position</b>
	Approve [ ] Disapprove [ ] Abstain [ ]
	Approve [ ] Disapprove [ ] Abstain [ ]
	Approve [ ] Disapprove [ ] Abstain [ ]
	Approve [ ] Disapprove [ ] Abstain [ ]
	Approve [ ] Disapprove [ ] Abstain [ ]
	Approve [ ] Disapprove [ ] Abstain [ ]

Responses decided upon in the BRM and therefore not subject to voting by the voting form:  
 9, 16, 18, 19, 21, 28, 30, 34, 41, 42, 43, 65, 74, 78, 80, 82, 84, 91, 92, 93, 94, 98, 100, 103, 104, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 140, 147, 171, 190, 193, 197, 211, 217, 218, 219, 224, 231, 242, 250, 253, 259, 260, 262, 275, 277, 278, 281, 297, 298, 314, 320, 321, 344, 360, 362, 364, 367, 381, 382, 395, 398, 399, 400, 401, 404, 406, 407, 408, 420, 437, 442, 443, 446, 449, 451, 455, 456, 457, 459, 460, 478, 487, 488, 496, 513, 518, 520, 523, 524, 525, 527, 528, 547, 549,

560, 561, 563, 565, 608, 611, 620, 632, 634, 637, 638, 639, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 677, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 701, 703, 705, 726, 729, 732, 736, 737, 739, 740, 768, 814, 825, 827, 851, 852, 868, 873, 881, 890, 896, 912, 916, 919, 922, 925, 941, 973, 984 and 992.

*Resolution 38: The BRM accepts, as a modification to the relevant Responses 703, 701, 726, 732 and 736 respectively which are otherwise accepted, the editing instructions contained in the five files:*

*<http://www.itscj.ipsj.or.jp/sc34/def/BRM/IL-0001-Mati.doc>,*

*<http://www.itscj.ipsj.or.jp/sc34/def/BRM/IL-0004-Mati.doc>,*

*<http://www.itscj.ipsj.or.jp/sc34/def/BRM/IL-0019-Mati.doc>,*

*<http://www.itscj.ipsj.or.jp/sc34/def/BRM/IL-0027-Mati.doc> and*

*<http://www.itscj.ipsj.or.jp/sc34/def/BRM/IL-0031.doc>, with the following change: example 2.18.44 shall be updated in an identical manner to example 2.3.1.13—so resolved.*

*Resolution 39: The BRM accepts R 344—so resolved.*

*Resolution 40: The BRM accepts R 634 and the editing instructions contained in*

*[http://www.itscj.ipsj.or.jp/sc34/def/BRM/Response\\_JP-0070.pdf](http://www.itscj.ipsj.or.jp/sc34/def/BRM/Response_JP-0070.pdf)—so resolved.*

*Resolution 41: The BRM accepts R 147—so resolved.*

*Resolution 42: The BRM accepts the editing instructions in the section “Option 2” contained in*

*<http://www.itscj.ipsj.or.jp/sc34/def/BRM/MY-0015-CEILING-Response-30-v9.pdf> as a replacement of R 30—so resolved.*

*Resolution 43: The BRM accepts R 973, and the instructions contained in*

*[http://www.itscj.ipsj.or.jp/sc34/def/BRM/MX-0001\\_ZIP\\_compression\\_Proposal.doc](http://www.itscj.ipsj.or.jp/sc34/def/BRM/MX-0001_ZIP_compression_Proposal.doc) as a replacement of R 231—so resolved.*

**END**