

Disposition of Comments on DIS 13673

This document itemizes the comments submitted with the DIS ballot on ISO/IEC DIS 13673, along with the disposition of each. The comments are grouped by the member body submitting them and identifier with the initials of the responding member body and a sequence number. The original text is not repeated in full here, but enough is provided to allow the reader to reconcile the enumeration with the unnumbered comments in the table of replies (summary of voting) reported in document ISO/IEC JTC1/SC18 N4552.

Canada

C1. Add new categories to list in clause 13.

Disposition: Add “multicode syntax”, “non-SGML character”, and “required or optional status of element”.

C2. Modifications to syntax productions in clause 14.5

C2.1 Production 1, clause 14.5.2

Disposition: Modify the production or explanatory text to make it obvious that the RAST result for a document that is not in error will always contain either a *base document element* or at least one *concurrent document element*.

C2.2 Production 8, clause 14.5.4

Disposition: Add extra parentheses so outer level doesn't have two different connectors and make the ? apply to (*external id information* | *entity information*+).

C2.3 Productions 13 and 15, clause 14.5.6

Disposition: Accept the suggestions. Although the modifications do not change the end result, they result in a more intuitive formulation.

C2.4 Production 18, clause 14.5.9: The “+” should be a “*”

Disposition: “Accept for consistency with ISO 8879.”

Japan

Since the comments from the Japanese National Body are numbered, the dispositions below refer to the same numbers:

J1. Technical Comments

J1.1 List of one-letter codes

Disposition: Add “x - miscellaneous” to the list. Update the example in Annex B.4 to use this new code in system identifiers.

J1.2 Contradictory treatment of leading zeros

Disposition: Correct the minor inconsistency with the suggested change.

J1.3 Categories “markup minimization” and “SDIF” are labelled “required”.

Disposition: Change “required” to “optional”, as suggested.

J1.4 Usage of *LE*

Disposition: Make usage of *LE* consistent with the goal quoted at the beginning of the comment about closing brackets on separate lines, and analogous goals for other parts of RAST.

J2. Editorial Comments

J2.1 Clause identifiers

Disposition: Change “a five-digit clause identifier” to “a five-character clause identifier” because clause identifiers can include letters.

J2.2 First letter in a SOO identifier

Disposition: Clarify that characters in addition to those in the table may be used as needed.

J2.3 Computer system file names

Disposition: Paragraph 2 of clause 9 should be made into a note.

J2.4 Title of clause 10

Disposition: Change the title as suggested.

J2.5 System identifiers

Disposition: As suggested, move the last sentence of clause 14.2 to a note.

J2.6 Formatting formal productions.

Disposition: Within the confines of the document design for ISO/IEC standards, use indentation and spacing to increase legibility.

Sweden

S1. Document should be a Technical Report and not an IS

Disposition: Naming conventions, definition of RAST and RACT, and prescriptions for reporting test results are appropriate for standardization. Other voting member bodies evidently agree.

UK

UK1. The description of ESIS in Annex A is not a comprehensive itemization of all information in an SGML document.

Disposition: Add to the paragraph about RAST in the scope a sentence explaining that RAST was designed to test information likely to be passed by a general-purpose SGML parser to an application and that additional information that some parsers may make available is not tested by RAST. Also, Add the sentence, “ESIS includes properties of the element structure itself, plus other information” after the first sentence in the sixth paragraph of Annex A.

UK2. Clause 1: Consider system declaration in the scope clause.

Disposition: System declaration should be mentioned.

UK3. Clause 1: Avoid using the word “data” as a singular noun.

Disposition: Accept.

UK4. Clause 4.8: Nonprintable characters in names.

Disposition: Add definition of “nonprintable character” to definitions clause. Clarify that nonprintable characters in names appear without transformation in the RAST result.

UK5. Clause 6.1: Update identification of this standard.

Disposition: Change “ANSI X3:190-1992” to “ISO/IEC 13673:1994”.

UK6. Clause 6.3: Replace “five-digit” with “five-character”.

Disposition: Accept. See J2.1.

UK7. Clause 6.4: Word choice.

Disposition: Replace “decide” with “consider”.

UK8. Clause 10, 2nd list item: Inconsistent treatment of upper- and lowercase letters in names (see also clause 6.3).

Disposition: Clarify that letters in SOO names are always lowercase although there may be situations in which

they are represented by their equivalent uppercase letters.

UK9. Clause 10, 4th list item: Clarifications

Disposition: On line 4, delete “(entered with no leading zeros)”; see J1.2. In paragraph 2, line 5 insert “if necessary” after “numbers”. Finally, change “v = Value” to “v = Value of attribute”.

UK10. Clause 10: Problems with naming conventions, name length violations, and name case violations.

Disposition: Make last sentence in this clause a note and add the UK text as another example to that note.

UK11. Clause 11: Interpretation difficulty with the text and figure 1 (string length example).

Disposition: Clarify if possible.

UK12. Clause 12: Format examples.

Disposition: Use indentation and blank lines appropriately in all examples.

UK13. Clause 13: SDIF is listed as “required”.

Disposition: Change to “optional”. See J1.3.

UK14. Clause 14.5.1, 1st list item: More concern about nonprintable characters.

Disposition: As UK4. above.

UK15. Clause 14.5.2: Missing **LE**s in production 1.

Disposition: Add “**LE**” to both the “#ERROR” and “#RAST_PI_ERROR” entries. See also J1.4.

UK16. Clause 14.5.4: Inaccurate cross-reference.

Disposition: Replace “clause 9” with “clause 10”.

UK17. Clause 14.5.5: Missing “**LE**” in production 9.

Disposition: Add “**LE**” after “#END-ENTITY” in production 9. See also J1.4 and UK15.

UK18. Clause 14.5.5: Parsing subdocuments.

Disposition: See US5. and US11.–US14. below.

UK19. Clause 14.5.9: Allow for internal SDATA entities without any characters.

Disposition: Accept. See C2.4.

UK20. Clause 14.5.11: “*Entitys*” should be “entity”.

Disposition: Use singular nouns to refer to syntactic variables whenever possible.

UK21. Clause 14.5.13.1: Inconsistent treatment of case in processing instructions.

Disposition: Allow lowercase in PI and be consistent with other PIs.

UK22. Clause 14.5.13.1: Multiple occurrences of the same name should be an error.

Disposition: Accept.

UK23. Clause 14.5.13.2: USELINK, POSTLINK, and IDLINK.

Disposition: Consider adding additional simple, consistent changes.

UK24. Clause 14.5.13.4: Phrasing.

Disposition: Replace “lexicographically smallest” with “earliest in lexicographic order”.

UK25. Clause 17: Clarification of last sentence.

Disposition: Add the observation that the corresponding entity declarations may have different system identifiers.

UK26. Clause B.4: The example is not complete enough

Disposition: Review all examples for completeness and consistency.

UK27. Clause B.5: Typo in the example output (G06-T1 vs. G04-T1).

Disposition: Correct any errors in examples.

United States

The item numbers below match those in the US comments.

US1. p. ii: Correct subject-verb agreement in first sentence of Forward: “defines” should be “define”.

Disposition: Accept.

US2. p. 7, 2nd paragraph, 6th sentence, “For the purpose of this numbering...” Start a new paragraph before this sentence and replace with:

Clause headings are not counted for the purpose of this numbering. All other text blocks whose semantics require they be formatted starting at the beginning of a line are considered to be paragraphs for this purpose. For example, each syntax production, note or paragraph within a note, indented example, list item, and list heading is counted as a separate paragraph.

Start a new paragraph after the above text.

Disposition: Accept.

US3. p. 9, 4th list item in Clause 10: Replace “other names” with “names other than that of the document element”.

Disposition: Accept.

US4. p. 11, category list: Replace “SDATA” with “specific character data”.

Disposition: Accept.

US5. p. 12, Clause 14.3, second paragraph: Replace “14.5.13.1” with “14.5.7, 14.5.13.1, ”.

Disposition: Verify the accuracy of the cross-references after making the changes pertaining to subdocuments in US11.–US14.below. See also UK18.

US6. p. 12, clause 14.2: Use gerund in first word of both list items; change “minimize” to “minimizing”, “select” to “selecting”.

Disposition: Accept.

US7. p. 12, production 1

Disposition: Accept. See UK15.

US8. p. 13, production 8: Add “(” before the first existing “(” and “)” at the end.

Disposition: Accept. See C2.2.

US9. p. 13, production 8: External entities.

Disposition: Accept.

US10. p. 14, production 9: Add “, **LE**” at end.

Disposition: Make use of **LE** consistent. See UK17.

US11. p. 14, Clause 14.5.7: Move footnote from heading on clause 14.5.13.1 to this heading.

US12. p. 14, beginning of Clause 14.5.7: add new production

US13. p. 14, production 16: Add “, *FAST result?*” after “*external entity information*”.

US14. p. 14, Clause 14.5.7, suggested new paragraph

Disposition: Accept US11.–US14. Also see US5. and UK18.

US15. p. 15, production 18: Change “+” after *markup data* to “*”.

Disposition: Accept. See C2.4 and UK19.

US16. p. 15, production 21: Use of #TAB

US17. p.15, second list item in clause 14.5.12: change “, #RE, and #TAB” to “and #RE”.

Disposition: Instead of the suggestions in US16. and US17., explain that the tab character is reported as #TAB regardless of whether it is declared in the SGML declaration to be a function character.

US18. p. 15, 1st paragraph after list in clause 14.5.12: Replace final period with “(plus whatever other characters are required on the line). In particular, RAST produces multiple instances of *data line* or *markup data* when more than 60 consecutive **Data Characters** occur.”

Disposition: Accept.

US19. p. 16, last paragraph before second list in clause 14.5.31.1: Delete “considered to be”.

Disposition: Accept.

US20. p. 17, production 30: Change “+” after *attribute information* to “*”.

Disposition: Accept.

Editing Instructions for DIS 13673

The editor is directed to:

1. Incorporate the changes described in the disposition of DIS ballot comments, ISO/IEC JTC1/SC18/WG8/N 1698.
2. Clause 14.5.10 “All the above values are surrounded by exclamation marks except for #PCDATA content,” should be replaced by “All the above values are surrounded by exclamation marks except for #PCDATA content and processing instructions.” The list should be reordered so that the two items singled out by this sentence are adjacent.
3. Proofread carefully, correcting any typographical or grammatical errors.

Revised Disposition of Comments and Editing Directions for DIS 13673

ISO/IEC JTC1/SC18 N1698 is the disposition of comments received on the DIS ballot on DIS 13673; N 1699 provides the corresponding editing directions. This document provides some additional information.

1. The UK comment on 14.5.3.1 suggested making case conventions consistent in tests and processing instructions. This recommendation was initially accepted. Instead, the text should be revised to motivate using uppercase in processing instructions and lowercase in test case.
2. Both the US and the UK suggested support for parsing subdocuments. Instead of taking the US suggestion verbatim, define processing instructions in the spirit of the UK suggestion to allow the test to specify which subdocument entities should be parsed.
3. Add comments on the character set used in the RAST result.
4. Modify the notation used in the syntax productions to provide cross-references to the syntax production that defines every syntactic variable.
5. The spirit of the Japanese comment to revise the title of Clause 10 is accepted; the exact wording may differ slightly. Furthermore the change should extend to the content of the clause as well as its title.

ISO/IEC JTC1/SC18/WG8 N1777

Revised Disposition of Comments and Editing Directions for DIS 13673

ISO/IEC JTC1/SC18/WG8 N1698 is the disposition of comments received on the DIS ballot on DIS 13673; N1699 and N1742 provide the corresponding editing directions. This document provides some additional information.

Make changes in the definition of ESIS in Annex A to account for the following:

1. Link set information is reported at the end of an element to support POSTLINK.
2. Attribute information for link attributes is reported for an element whose unique identifier is specified in an *ID link set declaration*.
3. Account for defaulting of link attributes, adding additional text if necessary.

Make changes in the definition of RAST to account for the following:

1. It is an error for an *active lpd* processing instruction to occur after the start of the base DTD, instead of after the base DTD.
2. In production [b], replace **LE** with one or more separators from the reference concrete syntax because **LE** is a construct in the representation in the RAST result rather than a character or string in the SGML document.
3. Simplify the syntax and use of a *link rule selection* processing instruction. Instead of (*Name*, '=', *Attribute Value Literal*), simply include a string. RAST selects a rule that has at least one attribute with this value. It is an error if there is more than one such rule, or if there are none.
4. The comparison string and lexicographical selection discussed in 14.5.13.4 discusses handling of a situation defined as erroneous in 14.5.13.1—an element with multiple applicable link rules not preceded by a *link rule selection* processing instruction. Since this situation is an error, this paragraph in 14.5.13.4 should be removed.
5. RAST should report link set information at the end of an element and after a link set use declaration.