



ISO/IEC JTC1/SC22  
Languages  
Secretariat: CANADA (SCC)

APB2776-03-22

WG14 NO45  
NO46

April 5, 1988

Mr. P. J. Plauger  
Convenor JTC1/SC22/WG14  
Whitesmith Limited  
59 Tower road  
Westford, Massachusetts  
USA 01886

Dear Mr. Plauger,


Subject: Comments received on DP9899-C

Enclosed please find a copy of document SC22N463 which contains the summary of voting on DP9899 and the comments received from SC22 Member Bodies.

The comments are hereby submitted to WG14 for review and recommendation on further processing of DP9899.

I look forward to receiving WG14's recommendations on DP9899.

Yours sincerely,

  
J. L. Côté  
Secretariat JTC1/SC22

Enclosure

c.c.: R. Kearney, chairman JTC1/SC22

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Address reply to: ISO/IEC JTC1/SC22 Secretariat  
J.L. Côté, 140 O'Connor St., 10th Floor  
Ottawa, Ont., Canada K1A 0R5  
Telephone: (613)957-2496 Telex: 053-3336



ISO/TC97/SC22  
Languages  
Secretariat: CANADA (SCC)

ISO/TC97/SC22

# N463

FEBRUARY 1988

**TITLE:** Summary of Voting and Comments Received on:  
DP9899-Information Processing-Programming  
Language C

**SOURCE:**  
Secretariat ISO/JTC1/SC22

**WORK ITEM:** 97.22.20

**STATUS:** NEW

**CROSS REFERENCE:** SC22 N413

**DOCUMENT TYPE:** Summary Of Voting

**ACTION:** For information to SC22 Member Bodies.  
For review and action as appropriate by  
SC22/WG14.

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Address reply to: ISO/TC97/SC22 Secretariat  
J.L. Côté, 140 O'Connor St., 10th Floor  
Ottawa, Ont., Canada K1A 0R5  
Telephone: (613)957-2496 Telex: 053-3336

Summary of Voting on:

Letter Ballot Reference No: Attachment to 97/22 N413  
Circulated by : ISO/TC97/SC22  
Circulation Date : 1987-10-07  
Closing Date : 1988-01-22

Subject: DP 9899- Information Processing-  
Programming Language C

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The following responses have been received:

'P' Members supporting the proposal,  
without comments : 7 (Belgium, Czechoslovakia, Finland,  
Italy, Netherlands, Turkey, USSR)

Members supporting the proposal,  
with comments : 1 (Canada)

'P' Members not supporting the  
proposal : 5 (Denmark, France, Japan, UK, USA)

'P' Members abstaining : 1 (Germany FR)

'P' Members not voting : 6 (Austria, Bulgaria, China, Hungary,  
Norway, Sweden)

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Comments:

Attachment 1 - Canada  
Attachment 2 - Denmark  
Attachment 3 - France  
Attachment 4 - Japan  
Attachment 5 - UK  
Attachment 6 - USA (A revised version of N413 will be submitted by  
the USA Member Body)

Secretariat action:

The Secretariat will forward the attached comments to WG14 for  
review and recommendation on further processing of DP9899.  
Since attachment 6 has not been received, it will be circulated  
to SC22 Member Bodies at a later date. At that date, it will also  
be forwarded to WG14 for review.

FEB - 1 10 22



STANDARDS COUNCIL OF CANADA  
CONSEIL CANADIEN DES NORMES

SCC ID 504 (97/22) - 1

1988-01-26

Secretariat of ISOTC97/SC22  
Mr. J.L. Cote  
Administration Policy Branch  
Treasury Board Canada  
140 O'Connor St, 10th Floor East Tower  
Ottawa, Ontario  
K1A 0R5

Subject: ISO Document DP9899 - N413

Based on a review of the subject document, Canada supports the draft with the attached comments.

Yours truly,

Mr. R.T. Dexter, P. Eng.  
Technical Services Division

RTD/cw

Enc.

COMMENTS: Approval is subject to WG14 updating its DP in consultation with ANSI X3J11



RECEIVED  
FEB 19 1988

VOTE ON ISO DRAFT PROPOSAL	
date 1987-10-07	reference number ISO/TC 97/SC 22 N 413
This ballot duly completed shall reach the TC/SC secretariat by 1988-01-22	

P-members of the technical committee concerned have an obligation to vote (see 2.5.1, part 1 of the Directives for the technical work of ISO)

ISO/TC 97 /SC 22 Title Languages  Secretariat Canada, SCC
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Circulated to ISC/TC97/SC22 Member Bodies
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Subject of the ballot  DP .9899. Title: <u>Information Processing - Programming Language C</u>
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Please put a cross in the appropriate box(es)

Approval of the draft:

- as presented
- with comments as given below (use separate page as annex, if necessary)
  - general
  - technical
  - editorial
- Disapproval of the draft for reasons below (use separate page as annex, if necessary)
  - Acceptance of these reasons and appropriate changes in the text will change our vote to approval
- Abstention (invoking the provisions of 2.5.3, part 1 of the Directives)

COMMENT

The results of WG 14 from Amsterdam must be incorporated.

P-member voting:	Danish Standards Association	signature	<i>J. A. Larsen</i> Jens Kolind
date	1988-01-28		

COMMENTS ATTACHED TO AFNOR DISAPPROVAL  
VOTE ON DP 9899 - PROGRAMMING LANGUAGE "C"

The Document submitted to vote (SC 22 N 413 - Draft ANSI 08 May 1987) does not include two problems already stated by a contribution SC 22/WG 14 N 024.

- 1) parenthesis grouping : This point has already been accepted and we assume that it will be included in the X3J11 Draft of December.
- 2) Multi-byte strings : the problem is likely to be dealt with. Nevertheless, we would prefer to review the X3J11 "C" draft of december before determining our vote.

Except the 2 points above, our general position is rather favourable, and we will be ready to change our vote to approval as soon as the 2 above points are taken into account.

1988-01-26  
CLB/MAP

Reason of Japanese Negative Vote  
on DP 9899 Programming Language C

Japan does not agree to the current content of DP 9899 with the following reasons:

1. The current DP does not contain the specification of multi-octet character handling. It shall provide such specification as being examined in ANSI X3J11.
2. Every efforts should be made to ensure that the final ISO standard on C shall be identical to that of ANSI standard.

Futhermore, it is highly desirable that DP ballot period in ISO synchronizes with the public review period in ANSI.

However, if the above comments are accepted, we will change our Negative Vote to Affirmative Vote.

UK MEMBER BODY TO ISO/IEC JTC1/SC22 COMMENTS ON DP9899 "Information Processing -

Programming Language C"

**Comment Accompanying Vote of Disapproval on ISO  
Ballot ISO/TC97/SC22 N413**

The UK recognises the difficulties of synchronisation in the standardisation process. However, the Draft Proposal which is the subject of this ballot has been considerably revised by the X3J11 committee in response to comments received during the Public Review of draft proposed American National Standard, X3.159-198x, from 7 November 1986 to 7 March 1987 and as a consequence of three meetings of X3J11 in June 1987, September 1987 and December 1987 as well as in response to international comments submitted to X3J11 by ISO WG14 following their November 1987 meeting. The edition of the draft circulated with this ballot dated 15 May 1987 does not reflect the majority of these revisions. Subsequent drafts produced at the June and September meetings of X3J11 have also been subject to UK comments submitted to both ISO WG14 and X3J11.

The UK in no way wishes to hold up progress on technical work in the area of C standardisation. We will change our vote to one of approval if the most up-to-date draft of X3.159-198x is substituted; that is the one produced following the December 1987 meeting of X3J11 incorporating revisions in response to the most recent UK comments.