



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

ISO/IEC JTC1/SC22

N610

JANUARY 1989

TITLE: Summary of Voting and comments received on a proposal to subdivide project JTC1.22.17 to include a project on: A Language-Independent Arithmetic Standard

SOURCE: Secretariat ISO/IEC JTC1/SC22

WORK ITEM: JTC1.22.17

STATUS: New

CROSS REFERENCE: N554

DOCUMENT TYPE: Summary of Voting

ACTION: See Attached.

Address reply to: ISO/IEC JTC1/SC22 Secretariat
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SUMMARY OF VOTING ON:

Letter Ballot Reference No: SC22 N554
Circulated by : JTC1/SC22
Circulation Date : 1988-10-05
Closing Date : 1989-01-20

SUBJECT: Proposal to subdivide project JTC1.22.17 to
include a pproject on: A Language-Independent
Arithmetic Standard

The following responses have been received:

'P' Members supporting the proposal ,
without comments : 10 (Austria, Belgium, Canada,
Czechoslovakia, Finland,
Germany FR, Hungary, Italy,
Japan, Netherlands)

'P' Members supporting the proposal,
with comments : 01 (UK)

'P' Members not supporting the proposal:
01 (France)

'P' Members abstaining : 00

'P' Members not voting : 07 (Bulgaria, China, Denmark,
Iran, Sweden,
USA, USSR)

Comments:

Attachment 1 - France
Attachment 2 - UK

Secretariat Action:

The SC22 Secretariat will contact the JTC1 Secretariat to discuss the comment in Attachment 1. The SC22 Secretariat will then proceed in accordance with the JTC1 Secretariat's recommendation.

COMMENTS ATTACHED TO THE AFNOR
LETTER BALLOT ON DOCUMENT JTC 1/22 N 554

"A Language-Independent Arithmetic Standard"

AFNOR disapprove the proposed subdivision of project
JTC 1.22.17 for the following reasons :

- The standard IEEE 754 is likely to satisfy the needs
of the users in the field of numeric calculations.
- AFNOR believe that the proposed standardization
described in JTC 1/22 N 554 is not a matter for SC 22
but rather for the relevant Committee responsible in
defining the way numeric data are represented and the way
arithmetic calculations are executed.

End of comments.



UK COMMENTS ON NEW WORK ITEM PROPOSAL - TO SUBDIVIDE JTC1.22.17
TO INCLUDE A PROJECT ON : A LANGUAGE-INDEPENDENT ARITHMETIC STANDARD (N554)

The UK supports the new work item proposal for a language-independent arithmetic standard. It regards the need for compatibility with other arithmetic standards,
e.g. IEEE 754-1985, "Standard for binary floating-point arithmetic" and
IEEE P854, "A radix-independent standard for floating-point arithmetic".

SRB/-
22 December 1988