

Preliminary Agenda for Sep 30 - Oct 4, 2024  
71st MEETING OF ISO/IEC JTC 1/SC 22/WG 14  
WG 14/N3336

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## Dates and Times

30 September, 2024	09:00 – 12:00 Lunch	13:30 – 16:30
1 October, 2024	09:00 – 12:00 Lunch	13:30 – 16:30
2 October, 2024	09:00 – 12:00 Lunch	13:30 – 16:30
3 October, 2024	09:00 – 12:00 Lunch	13:30 – 16:30
4 October, 2024	09:00 – 12:00	

## Meeting Location

*Perforce Software Headquarters  
400 First Avenue North #400  
Minneapolis, MN 55401*

## Meeting information

Venue information: [n3270](#)

Meeting Scribe: [Svoboda](#)

## Local contact information

*Alex Celeste* [aceLeste@perforce.com](mailto:aceLeste@perforce.com)

## 1. Opening Activities

- 1.1 Opening Comments (Seacord)
- 1.2 Introduction of Participants/Roll Call
- 1.3 Procedures for this Meeting (Seacord)
- 1.4 Required Reading
  - 1.4.1 [ISO Code of Ethics and Conduct](#)
  - 1.4.2 [ISO Guidance and Process](#)
  - 1.4.3 [IEC Code of Conduct](#)

1.4.4 JTC 1 Summary of Key Points [[N 2613](#)]

1.5 Approval of Previous Minutes

WG 14 Minutes, October 2023 [[N3174](#)] (motion)

1.6 Review of Action Items and Resolutions

1.7 Approval of Agenda [[n3213](#)] (motion)

1.8 Identify National Bodies Sending Experts

1.9 Note where we are in the current C23 schedule [[N 3156](#)]

## 2. Reports on Liaison and Collaboration Activities

2.1 ISO, IEC, JTC 1, SC 22

2.2 National bodies in WG 14

2.3 WG 21

2.4 WG 23

2.5 MISRA C

2.6 Austin Group

2.7 Unicode Consortium

2.8 Other Liaison or Collaboration Activities

## 3. Study Groups

3.1 C Floating Point Study Group activity report ([Rajan](#))

3.2 C Memory Object Model Study Group activity report ([Sewell](#))

[Kleynhans](#), Update from the editor for [TS 6010, Programming languages — A provenance-aware memory object model for C](#)

3.3 C and C++ Compatibility Study Group activity report ([Meneide](#), Nina)

3.4 Undefined Behavior Study Group activity report ([Svoboda](#))

3.5 New Study Group proposal (if applicable)

3.6 Infrastructure Group ([Meneide](#))

## 4. Future Meetings

4.1 Future Meeting Schedule

February 24 to February 28, 2025, Graz University of Technology, Graz, Austria

Fall, 2025 Candidate: [Suan Sunandha Rajabhat University](#)

4.2 Future Mailing Deadlines

Note: Please request document numbers by one week before these dates.

Pre-Minneapolis 2024 – 30 August, 2024

Post-Minneapolis 2024 – 30 September, 2024

## 5. Document Review

### Monday, 30 September

- [Douglas](#), fopen\_s "p" and bring fopen\_s's mode closer to POSIX 202x [\[N3275\]](#) (0.5 hours)
- [ha6](#), stdarg.h wording [\[N3285\]](#) (0.5 hours)

#### Lunch Break

- [Bhakta](#), Floating-point exceptions for macro replacements [\[N3286\]](#) (0.5 hours)
- [Bhakta](#), Nonsensical Parenthetical [\[N3287\]](#) (0.25 hours)
- [Bhakta](#), Give consistent wording for SNAN initialization [\[N3288\]](#) (0.5 hours)
- [Bazley](#), Standardize strnlen and wcsnlen (v3) [\[N3326\]](#) (0.5 hours)
- [Uecker](#), Matching of Multi-Dimensional Arrays in Generic Selection Expressions [\[N3290\]](#) (0.5 hours)

### Tuesday, 1 October

- [Thomas](#), Proposal for C2Y - Decimal floating-point number—misuse of term [\[N3291\]](#) (0.5 hours)
- [Uecker](#), Unspecified Sizes in Definitions of Arrays [\[N3295\]](#) (0.5 hours)
- [Bazley](#), strb\_t: A standard string buffer type (v3) [\[N3306\]](#) (0.5 hours)
- [Gustedt](#), Tail recursion for preprocessor macros [\[N3307\]](#) (0.5 hours)
- [Steenberg](#), Draft: Educational Undefined Behavior Technical Report [\[N3308\]](#) (0.5 hours)
- [Múgica](#), Array subscripting without decay [\[N3311\]](#) (0.5 hours)

#### Lunch Break

- [Bhakta](#), Allowing stricter alignment for atomic types [\[N3312\]](#) (0.5 hours)
- [Heumann](#), Initialization of anonymous structures and unions [\[N3314\]](#) (0.5 hours)
- [Celeste](#), C Extensions to Support Generalized Function Calls, v3.5 [\[N3315\]](#) (0.5 hours)

- [Celeste](#), The `void`-`\_`-which-binds\_, v2: typesafe parametric polymorphism [N3316] (0.5 hours)
- [Celeste](#), Essential Effects for C [N3317] (0.5 hours)

### Wednesday, 2 October

- [Celeste](#), Statically Dependent Array Types [N3318] (0.5 hours)
- [Celeste](#), Obsolete implicitly octal literals, v2 [N3319] (0.5 hours)
- [Celeste](#), Strong typedefs [N3320] (0.5 hours)
- [Celeste](#), User-defined qualifiers [N3321] (0.5 hours)
- [Colomar](#), New nelementsof() operator (v3) [N3325] (0.5 hours)
- [Colomar](#), VLA is a misnomer (rebuttal to n3187) [N3327] (0.5 hours)

### Lunch Break

- [Svoboda](#), Examples of Undefined Behavior [N3155] (0.5 hours)
- [Ballman](#), Allow zero-length operations on null pointers [N3322] (0.5 hours)
- [Ballman](#), How do you add one to something? [N3323] (0.5 hours)
- [Meneide](#), Restartable Functions for Efficient Character Conversion, r12 [N3265] (0.5 hours)

### Thursday, 3 October

- [Celeste](#), `if` declarations, v2 [N3267] (0.5 hours)
- [Celeste](#), Named loops, v2 [N3268] (0.5 hours)
- [Celeste](#), Case range expressions, v2 [N3269] (0.5 hours)
- [Stoughton](#), Timezones and the strftime function [N3272] (0.5 hours)
- [Gustedt](#), Introduce complex literals v. 2 [N3298] (0.5 hours)

### Lunch Break

- [Thomas](#), Proposal for C2Y - missing HUGE\_VAL suffixes [N3303] (0.5 hours)
- [Thomas](#), Proposal for C2Y - leftover dependency on WANT macro (updates N3304) [N3305] (0.5 hours)
- [Uecker](#), Slay Some Earthly Demons I [N3244] (0.5 hours)

### Lunch Break

### Friday, 4 October

Noon: Adjourn

## 6. Clarification Requests

The previous queue of clarification requests has been processed.

## 7. Other Business

Old papers that haven't been scheduled yet pending request from the author:

- [N2658](#) 2022/01/03 [Bachmann](#), Make pointer type casting useful without negatively impacting performance - updates n2484
- [N2995](#) 2022/06/22 [Meneide](#), `__supports_literal` needs serious design tweaking and there are likely better, less overt ways to solve the same problem
  
- [N3160](#) 2023/08/20 Grüninger, Add min, max for integers to C
- [N3104](#) 2023/02/07 [Meneide](#), More Modern Bit Utilities, r2: Another update to this paper must be made
- [N3121](#) 2023/04/23 [Uecker](#), Forward Declaration of Parameters v2 (Updates N2780)

The following paper(s) will not be ready for this meeting:

- [MacDonald](#), Defect with wording of restrict specification [[N3025](#) ]
- [MacDonald](#), Provenance-Style Specification of restrict [[N3058](#)]

## 8. Recommendations and Decisions reached

- 8.1 Review of Decisions Reached
- 8.2 Review of Action Items

## 9. Thanks to Host

## 10. Adjournment (motion)