



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

ISO/TC97/SC22

N467

FEBRUARY 1988

TITLE: ISO/IEC JTC1/SC22 Project Information

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STATUS: Supersedes N332

CROSS REFERENCE: N/A

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ACTION: For information to SC22 Member Bodies.
SC22 Working Group Convenors are requested to
review this document and to forward corrections
and updates to the SC22 Secretariat
by 1988-05-15.

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ISO/IEC JTC1/SC22

PROJECT INFORMATION

1. Designation and Title of Subcommittee

SC22, Languages

Area of Work:

1. Standardization of Languages in the field of information processing systems and applications excluding specialized languages that have been explicitly assigned to the program of work of another Sub-Committee or Technical Committee.
2. In the area of information processing, standardization of cross-language facilities.

2. Secretariat

SCC

3. Chairman

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Vice-President - Information Products and Services
Bell Canada Enterprises
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4. Working Groups

WG2: PASCAL

Secretariat: BSI

Convenor: Wichmann, B.
National Physical Laboratory
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Middlesex TW11 OLW
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Telephone: +44 1977 3222

WG3: APL

Secretariat: SCC

Convenor: Dickey, L.
Dept. of Pure Mathematics
University of Waterloo
Waterloo, Ontario
Canada N2L 3G1

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Telex 069-55259

WG4: COBOL

Secretariat: ANSI

Convenor: Vickers, M.
National Bureau of Standards
Building 225, Room A265
Washington, D.C. 20234

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Telex: 89-8493

WG5: FORTRAN

Secretariat ANSI

Convenor: Martin J.
Lawrence Livermore National Laboratory
L-300
Livermore, California 94550

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WG8: BASIC
Secretariat ANSI
Convenor: Kurtz, T
Computer & Information Science
Nathan Smith Building
Handover N.H.
USA 03755

Telephone:

WG9: Ada
Secretariat: ANSI
Convenor: Castor V.
Ada Joint Program Office
3E114, Pentagon
Washington DC
USA 20301-3080

Telephone: (202) 694-0209

WG11: Binding Techniques for Languages

Secretariat: ANSI

Convenor: Nelson, D.
Tandem Computer Inc.
MS 100-05
10555 Ridge View Court
Cupertino California
USA 95014

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WG12: Language Conformity and Validation

Secretariat: AFNOR

Convenor: Sidi, J.
AFNOR
Tour Europe -Cedex 7
F-92080
Paris La Defense
France

Telephone: 33-1-42915960

WG13: Modula 2
Secretariat: BSI
Convenor: Henry, R.
Computer Science Group
Nottingham University
University Park
Nottingham NG7 2RD
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WG14: C
Secretariat: ANSI
Convenor: Plauger P.J.
Whitesmith Limited
59 Tower Road
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USA 01886
Telephone: (617) 692-7800

WG15: POSIX
Secretariat: ANSI
Convenor: Isaak J.
Digital Equipment Corporation
MK02-2B05
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Merrimack, New Hampshire
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WG16: Lisp
Secretariat: AFNOR
Convenor: Queinnec C.
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WG17: Prolog

Secretariat: BSI

Convenor: Scowen R.
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UK

Telephone: 44-1-943-6956

Project Editors:

Dr. J. Klensin - projects 97-22-05, 97-22-06 (PL/I)
Telephone: (617) 253-1355

Mr. B. Meek - project 97-22-13 (Guidelines for the Preparation
of Programming Language Standards)
Telephone: 44-1-937-5411 Ext 432

5. Projects

Note: For project stage definition, please refer to the list
attached as Annex 1.

Work Item 22.01.01 - Review of Programming Language COBOL
(ISO 1989-1978)

Stage	Target Date	Actual Date
03.01		85-01-10
03.02		85-07-11
03.05		85-08
03.06	85-11	85-10-11
04.00	85-11	85-11-27
05.00	86-05	85-12

Working Group: 4

Secretariat: ANSI

Convenor: M. Vickers

Current Reference Documents:

Current ISO/CS Registered Document: ISO 1989-1985

Work Item 22.01.03 - Language Extensions for COBOL - ISO 1989
Addendum 1 - Intrinsic Functions

Stage	Target Date	Actual Date
00.03		85-01-15
00.04		85-03-22
01.00		85-04-12
01.04	87-06	87-08-20
01.05	87-06-19	87-11-27
02.00	88-06	
03.00	89-06	
04.00	90-01	
05.00	90-03	

Working Group: 4

Secretariat: ANSI

Convenor: M. Vickers

Current Reference Documents: N370, N445

Current ISO/CS Registered Document:

Work Item 22.01.04 - Correction Addendum to ISO 1989-1985 Cobol

Stage	Target Date	Actual Date
01.01		87-09
01.02	89-01	

Working Group: 4

Secretariat: ANSI

Convenor: M. Vickers

Current Reference Documents:

Current ISO/CS registered Document:

Work Item 22.02 - Programming Language FORTRAN (Revision of ISO 1539-1980)

Stage	Target Date	Actual Date
01.01	78-01	
01.02	86-05	78-01
01-03	86-08	86-05
01-04	86-12	86-05
01-05	87-03	
02.00	87-04	88-10-01
02.01	87-04	87-10-15
02.02	87-07	88-01-29
02.08	88-09-15	
03.00	89-03	
03.01	89-04	
03.02	89-10	
04.00	90-02	
05.00	90-06	

Working Group: 5

Secretariat: ANSI

Convenor: J. Martin

Current Reference Documents: N423

Current ISO/CS Registered Document: ISO DP1539

Work Item 22.03 - Hardware Representation of ALGOL -Basic Symbols (Revision of ISO/TR 1672-1977)

Stage	Target Date	Actual Date
01.02	85-12	
06.13	87-03-01	

Work Item 22.05 - Programming Language - PL/I (Revision of ISO 6160-1979)

Stage	Target Date	Actual Date
05.01	87-01-19	
05.02	87-05-01	
05.03		87-06-01

Project Editor: J. Klensin

Current Reference Documents: N291, N328

Current ISO/CS Registered Document: ISO 6160-1979

Work Item 22.06 - Programming Languages - PL/I -General Purpose
Subset (Revision of ISO 6522-1985)

Stage	Target Date	Actual Date
01.04	87-01-19	87-01-16
01.05	87-05-01	87-05-01
02.00	87-07-01	87-09-15
02.01	87-08-01	87-11
02.02	87-11-15	88-02-26
03.00	88-02-15	88-05-01
03.01	88-04-01	88-06-15
03.02	88-10-15	88-12-15
04.00	89-01-15	89-03-01
05.00	89-03-15	89-06-15

Project Editor: J. Klensin

Current Reference Documents: N432

Current ISO/CS Registered Document: ISO DP6522

Work Item 22.07 - Programming Language - Minimal BASIC

Stage	Target Date	Actual Date
05.00		84-03-15

Working Group: 8

Secretariat: ANSI

Convenor: T. Kurtz

Current Reference Documents:

Current ISO/CS Registered Document: ISO 6373-1984

Work Item 22.08 - Programming Language - PASCAL

Stage	Target Date	Actual Date
05.00		83-12-15

Working Group: 2

Secretariat: BSI

Convenor: B. Wichmann

Current Reference Documents:

Current ISO/CS Registered Document: ISO 7185-1983

Work Item 22.09 - Programming Languages - APL

Stage	Target Date	Actual Date
02.01		83-11-28
02.02		84-02-27
02.03		85-05-15
02.04		85-08-15
02.07	85-08-30	85-10-09
02.08	86-03	86-05-30
03.00	86-06	86-06-27
03.01		86-10-23
03.02	87-04-23	87-04-23
03.05	87-05-01	87-05-15
03.06	87-08-15	
04.00	87-08-28	
05.00	87-10-15	
05.01	88-03-01	
05.03	88-12-31	

Working Group: 3

Secretariat: SCC

Convenor: L. Dickey

Current Reference Documents: N334

Current ISO/CS Registered Document: DIS 8485

Work Item 22.10 - Programming Language - Ada

Stage	Target Date	Actual Date
02.01		85-01-15
02.02		85-04-15
02.07		85-04-29
02.08		85-05-28
03.00		85-08-30
03.01	85-10	86-01-23
03.02	86-09-23	86-09-23
03.05	86-10-30	86-10-01
03.06	86-12-01	86-12-12
04.00	87-05-01	86-12-12
05.00	87-07-01	87-06-15

Working Group: 9

Secretariat: ANSI

Convenor: V. Castor

Current Reference Documents: N238

Current ISO/CS Registered Document: ISO 8652

Work Item 22.11 - Programming Language - BASIC

Stage	Target Date	Actual Date
02.00	87-10	
03.00	88-07	
04.00	89-03	
05.00	89-06	

Working Group: 8

Secretariat: ANSI

Convenor: T. Kurtz

Current Reference Documents: 97/5 N586

Current ISO/CS Registered Document:

Work Item 22.13 - Guidelines for the Preparation of Programming Language Standards

Stage	Target Date	Actual Date
00.05		
00.06		
01.00		84-02-13
01.04		84-05-07
01.05	87-04-03	86-12-19
06.02	87-10-15	87-04-03
06.03	87-11-01	
06.04	88-02-15	
06.09	88-04-15	

Current Reference Documents: N248, N321, N449

Current ISO/CS Registered Document:

Work Item 22.14 - Binding Techniques for Programming Languages

Stage	Target Date	Actual Date
00.05		
00.06		84-02-13
01.00		84-05-07
01.02	86-05-15	84-08
01.03	87-01-30	86-11-01
01.04	87-04-15	
01.05	87-07-30	

Working Group: 11

Secretariat: ANSI

Convenor: D. Nelson

Current Reference Documents: N261

Current ISO/CS Registered Document:

Work Item 22.15.01 - Conformity Requirements and Testing Guidelines for the preparation of conformity clauses in programming language standards.

Stage	Target Date	Actual Date
00.05		85-04-10
00.06		85-07-31
01.00	85-08	85-08-19
01.01	86-06	86-01
01.04	87-05	87-05-22
01.05	87-08-28	
06.00	87-12	87-10-07
03.00	88-12	88-01-22
04.03	89-12	88-04-01
05.00	89-02-01	

Working Group: 12

Secretariat: AFNOR

Convenor: J. Sidi

Current Reference document: N326

Current ISO/CS Registered Document:

Work Item 22.15.02 - Test methods for programming language processing: guidelines for their development and their acceptability.

Stage	Target Date	Actual Date
00.05		85-04-10
00.06		85-07-31
01.00	85-08	85-08-19
01.04	86-12-19	86-12-19
01.05	87-04-03	87-04-03
06.02	87-05-26	87-05-26
06.03	87-05-28	87-06-04
06.04	87-08-28	87-09-04
06.09	88-01-15	

Working Group: 12

Secretariat: AFNOR

Convenor: J. Sidi

Current Reference Documents: N333

Current ISO/CS Registered Document: ISO DTR9547

Work Item 22.18 - Specification for Computer Programming
Language - Modula 2

Stage	Target Date	Actual Date
00.03		1985-07-15
00.04		1985-10-15
00.05		1986-01-07
00.06	86-04-18	1986-04-18
01.00	86-06-01	1986-04-23

Working Group: 13

Secretariat: BSI

Convenor: R. Henry

Current Reference Documents: N076, N116, N204 97 N1602

Current ISO/CS Registered Document:

Work Item 22.19 - Extended PASCAL Specification for the
Computer Programming Language

Stage	Target Date	Actual Date
00.03		85-08-16
00.04	85-10-18	85-10-18
00.05	85-11-15	86-01-07
00.06	86-01-15	86-04-18
01.00	86-06-01	86-04-23
01.04	86-12-30	
01.05	87-02-13	86-11-06
02.00	88-03-01	
03.00	89-02-01	
04.00	89-10-15	
05.00	90-02-15	

Working Group: 2

Convenor: B. Wichmann

Current Reference Documents: N262, N299

Current ISO/CS Registered Document:

Work Item: 22.22 - Specification for the Computer Programming
Language - Prolog

Stage	Target Date	Actual Date
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Working Group: 17

Secretariat: BSI

Convenor: R. Scowen

Current Reference Documents:

Current ISO/CS Registered Document:

Work Item: 22.23 - Specification for the Computer Programming
Language - Lisp

Stage	Target Date	Actual Date
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Working Group: 16

Secretariat: AFNOR

Convenor: C. Queinnec

Current Reference Document:

Current ISO/CS Registered Document:

Work Item: 22.24 - Specification for the Computer Programming
Language - Extended APL

Stage	Target Date	Actual Date
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Working Group: 3

Secretariat: SCC

Convenor: L. Dickey

Current Reference Document:

Current ISO/CS Registered Document:

Work Item 22.XX - Forms Interface Management System

Stage	Target Date	Actual Date
00.03		87-11-06
00.04		88-02-20

Current Reference Document: N367,N430

Work Item 22.XX - Vienna Development Method Syntactic Language

Stage	Target Date	Actual Date
00.03		87-11-30
00.04		88-03-11

Current Reference Document: N439

Work Item 22.XX - Addressing Comments on the Ada Standard

Stage	Target Date	Actual Date
00.05	88-02-15	

Current Reference Document: N353

Work Item 22.XX - Uniformity of Ada Implementation

Stage	Target Date	Actual Date
00.05	88-02-15	

Current Reference Document: N354

Work Item 22.XX - Ada/SQL Language Interface

Stage	Target Date	Actual Date
00.05	88-02-15	

Current Reference Document: N355

Mtg. Schedule

WG2-Pascal	February 02/05,1988	Amsterdam
WG13-Modula 2	January 11/15,1988	Nice France
WG8-Basic	March 01/02,1988	Paris France
WG16-Lisp	February 24/25,1988	Paris France
WG4-Cobol	April 25/27, 1988	New York, USA
WG11-Binding	April 19/22,1988	Cleveland Cnty UK
WG12-Conformity	April-May 88 - planned	
WG15-Posix	March 03/04,1988	London UK
WG17-Prolog	March 28/30,1988	Oxford UK
SC22 AG	October 17/19,1988	Tokyo Japan
SC22 Plenary	Fall 1989	Berlin,Germany FR



PROJECT STAGES

00.01	Potential work item document review initiated	03.04	Second DIS ballot closes
00.02	Potential work item document review closes	03.05	DIS voting results sent to TC SEC by ISO/CS
00.03	NWI ballot initiated within SC	03.06	Revised DIS text and disposition of comments report available
00.04	NWI ballot within SC closes	04.00	Final DIS text and final report submitted to ISO/CS
00.05	NWI ballot initiated within TC	04.01	Final DIS text submitted to ISO Council for acceptance
00.06	NWI ballot within TC closes	04.02	Review of ISO Council comments on DIS initiated
00.07	NWI proposal returned to submitter for further definition	04.03	DIS accepted by ISO Council for publication
00.08	NWI proposal rejected	05.00	IS published
00.09	NWI reconsideration ballot initiated within TC	05.01	5-year review ballot initiated
00.10	NWI reconsideration ballot within TC closes	05.02	5-year review ballot closes
01.00	NWI accepted by TC and added to the programme of work	05.03	IS reaffirmed
01.01	PD consideration initiated	05.04	IS withdrawn
01.02	WD comment period initiated within SC	05.05	IS referred to committee for revision
01.03	WD comment period within SC closes	06.00	Proposed DTR ballot initiated within SC
01.04	WD ballot initiated within SC	06.01	Proposed DTR ballot within SC closes
01.05	WD ballot within SC closes	06.02	DTR registered at ISO/CS
02.00	DP registered at ISO/CS	06.03	DTR ballot initiated within TC
02.01	First DP ballot initiated	06.04	DTR ballot within TC closes
02.02	First DP ballot closes	06.05	DTR text submitted to ISO/CS
02.03	Second DP ballot initiated	06.06	DTR text submitted to ISO Council for acceptance
02.04	Second DP ballot closes	06.07	Review of ISO Council comments on DTR initiated
02.05	Third DP ballot initiated	06.08	DTR accepted by ISO Council for publication
02.06	Third DP ballot closes	06.09	TR published
02.07	DP voting summary issues	06.10	TR review ballot initiated
02.08	Revised DP text and disposition of comments report available	06.11	TR review ballot closes
02.09	DP cancelled, project review initiated	06.12	TR reaffirmed
03.00	DIS text and explanatory report submitted to ISO/CS	06.13	TR withdrawn
03.01	First DIS ballot initiated	06.14	TR referred to committee for revision
03.02	First DIS ballot closes		
03.03	Second DIS ballot initiated		