



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

ISO/TC97/SC22

# N332

June 1987

**TITLE:** ISO/TC97/SC22 Project Information

**SOURCE:** ISO/TC97/SC22 Secretariat

**WORK ITEM:** All SC22 work items

**STATUS:** New, supersedes document 97/22 N292

**CROSS REFERENCE:** N/A

**DOCUMENT TYPE:** Information Document

**ACTION:** This document has been submitted to TC97 for input to the TC97 Database of projects. It is circulated to SC22 Member Bodies for information.

Working Group Convenors are requested to review this document and to forward corrections and updates to the SC22 Secretariat by October 15, 1987.

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TC97 DATABASE

ISO/TC97/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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Bell Canada Enterprises  
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4. Working Groups

WG2: PASCAL

Secretariat: BSI

Convenor: Wichmann, B.  
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WG3: APL

Secretariat: SCC

Convenor: Dickey, L.  
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University of Waterloo  
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Telephone: (519) 888-4076  
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WG4: COBOL

Secretariat: ANSI

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

Telephone: (301) 921-2431  
Telex: 89-8493

WG5: FORTRAN

Secretariat: ANSI

Convenor: Martin J.  
Lawrence Livermore National Laboratory  
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WG6: ALGOL

Disbanded

WG8: BASIC

Secretariat: AFNOR

Convenor: Leroy, B  
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68 route de Versailles  
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Telephone: 33-1-39025269

WG9:           Ada

Secretariat:   ANSI

Convenor:      Castor V.  
Ada Joint Program Office  
Room C-107  
1211 S. Fern St.  
Arlington Virginia  
USA 22202

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WG10:          Guidelines for the Preparation of Standards Within  
SC22

Disbanded in accordance with Resolution 21 in  
document 97/22 N169, Reference document 97/22 N256

WG11:          Binding Techniques for Languages

Secretariat:   ANSI

Convenor:      Nelson, D. (interim)  
Tandem Computer Inc.  
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WG12:          Language Conformity and Validation

Secretariat:   AFNOR

Convenor:      Sidi, J.  
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WG13: Modula 2  
Secretariat: BSI  
Convenor: Henry, R.  
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WG14: C  
Secretariat: ANSI  
Convenor: Hersee, S.  
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Project Editors:

Dr. J. Klensin - projects 97-22-05, 97-22-06 (PL/I)  
Mr. B. Meek - project 97-22-13 (Guidelines for the Preparation of  
Programming Language Standards)

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

Stage	Target Date	Actual Date
00.03		85-01-15
00.04		85-03-22
01.00		85-04-12
01.04	87-06	87-03-06
01.05	87-06-19	
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:

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	
02.01	87-04	
02.02	87-07	
02.08	88-03	
03.00	87-01	
03.01	88-04	
03.02	88-12	
04.00	89-02	
05.00	89-07	

Working Group: 5

Secretariat: ANSI

Convenor: J. Martin

Current Reference Documents:

Current ISO/CS Registered Document: ISO 1539-1980

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: 97/22 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	
02.01	87-08-01	
02.02	87-11-15	
03.00	88-02-15	
03.01	88-04-01	
03.02	88-10-15	
04.00	89-01-15	
05.00	89-03-15	

Project Editor: J. Klensin

Current Reference Documents: 97/22 N290/N327

Current ISO/CS Registered Document: ISO 6522-1985

Work Item 22.07 - Programming Language - Minimal BASIC

Stage	Target Date	Actual Date
05.00		84-03-15

Working Group: 8    Secretariat: AFNOR

Convenor: B. Leroy

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	

Working Group: 3    Secretariat: SCC

Convenor: L. Dickey

Current Reference Documents: 97/22 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	

Working Group: 9

Secretariat: ANSI

Convenor: V. Castor

Current Reference Documents: 97/22 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: AFNOR

Convenor: B. Leroy

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

Current Reference Documents: 97/22 N248/N321

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 (interim)

Current Reference Documents: 97/22 N261

Current ISO/CS Registered Document:

Work Item 22.15.01 - Conformity Requirements and Testing

Part 1: Guidelines for the preparation of conformity clauses in programming language standards.

Guidelines for the preparation of programming language process or specifications to facilitate conformity testing.

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	
02.00	87-12	
03.00	88-12	
04.03	89-12	
05.00	90-02-15	

Working Group: 12

Secretariat: AFNOR

Convenor: J. Sidi

Current Reference document: 97/22 N326

Current ISO/CS Registered Document

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

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	
06.03	87-05-28	
06.04	87-08-28	
06.09	88-01-15	

Working Group: 12

Secretariat: AFNOR

Convenor: J. Sidi

Current Reference Documents: 97/22 N333

Current ISO/CS Registered Document:

Work Item 22.16 - Specification for a Model for Common Language-Independent, Procedure Calling Mechanisms

Stage	Target Date	Actual Date
00.03		85-04-30
00.04		85-07-01
00.05	85-09-15	85-10-17
00.06	85-11-15	86-01-20
01.00	86-03-01	86-03

Working Group: 11

Secretariat: ANSI

Convenor: D. Nelson

Current Reference Documents: 97/22 N058, N211, 97 N1572

Current ISO/CS Registered Documents

Work Item 22.17 - Specification for a Set of Common Language-Independent Data Types

Stage	Target Date	Actual Date
00.03		85-04-30
00.04		85-07-01
00.05	85-09-15	85-10-17
00.06	85-11-15	86-01-30
01.00	86-03-01	86-03

Working Group: 11

Secretariat: ANSI

Convenor: D. Nelson

Current Reference Documents: 97/22 N058, N212, 97 N1573

Current ISO/CS Registered Document:

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: 97/22 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	87-05-01	
03.00	88-04-01	
04.00	88-12-15	
05.00	89-04-15	

Working Group: 2

Convenor: B. Wichmann

Current Reference Documents: 97/22 N262/N299

Current ISO/CS Registered Document:

Work Item 22.20 - Specification for the Programming Language - C

Stage	Target Date	Actual Date
00.05		86-01-17
00.06	86-04-18	86-04-18
01.00	86-06-01	86-04-23
01.02	86-10-15	86-10-15
01.05	87-02-13	87-02-13
02.00	87-03-01	
02.01	87-03-30	
02.02	87-06-30	
03.00	87-10-01	
04.00	88-08-01	
05.00	88-10-15	

Working Group: 14

Secretariat: ANSI

Convenor: S. Hersee

Current Reference Documents: 97/22 N260/N298

Current ISO/CS Registered Document:

Mtg. Schedule

WG14-C	June 8-12, 1987	Paris, France
WG5-Fortran	Aug. 3-7, 1987	Liverpool, U.K.
SC22 Plenary	September 7-11, 1987	Washington, D.C.
WG4	April 27/29, 1987	Nice, France
	April 25/27, 1988	New York, US
WG8	Jan. 28/30, 1987	Boca Raton, US
WG2	April 22/24, 1987	Teeside, UK
	June 8/12, 87	Andover, US
WG13	April 1-3, 1987	Nottingham, UK
WG12	April 22/24, 1987	London, UK
	September 2/4, 1987	Washington, D.C.
	April-May 88 - planned	



### 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		