

**CENTRAL IOWA CHAPTER
OF
IOWA ENGINEERING SOCIETY**



CHAPTER HANDBOOK

2004 - 2005

Central Iowa Chapter
of
Iowa Engineering Society

CHAPTER HANDBOOK

2004-2005

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Every attempt has been made to provide accurate data. If an error has been made, we apologize for any inconvenience it may cause.

BOARD OF DIRECTORS

for
2004-2005

President * Tim J. Monson
President-Elect* Sean D. Brown
Vice President Matt J. Sherwood
Secretary Paul H. Moritz
Treasurer Ryan J. Chapman
Director (1-Year) Craig M. Phillips
Director (2-Year) Forrest S. Aldrich
Past-President * Nathan L. Apprill

*Denotes IES Board of Directors Representative

CHAPTER COMMITTEE CHAIRS

for
2004-2005

Attendance	Ryan Chapman
Awards	Matt McCants
Calling	Tracy Warner
Engineers' Week	Mark Land
Legislative.....	Steve Kunz
MathCounts	Chad Meyer
Membership.....	Stacy Brocka
Newsletter.....	Sean Brown
Nomination & Tellers	Nathan Apprill
Professional Development.....	Dick Gernant
Public Relations.....	Jeff Magner
Scholarship.....	Charles Woods
Science Center	Sean Brown
Website	Kris Kunze

A SHORT HISTORY OF THE CENTRAL IOWA CHAPTER

The Central Iowa Chapter was first discussed with twenty-six men on February 21, 1965, in the assembly room of the main office of Iowa Power and Light Co., 9th & Walnut, Des Moines Iowa. The geographical area was to include Dallas, Madison, Marshall, Jasper, Polk, and Warren Counties. The charter members elected Harold Jobse as organizing chairman. The constitution and by-laws committee consisted of Joseph Borg as chairman, Donald Zarley, and Otto Tennant.

On April 22, 1965, at Younker's Tea Room, Des Moines, Iowa, the constitution and by-laws were approved by the twenty-four charter members and the Iowa Engineering Society Board accepted them at their next meeting. Donald Zarley was the first president and seven of the original charter members have been president of the Central Iowa Chapter.

Engineers have always been organized in the central Iowa area. On February 3, 1903, engineers in the area organized the Des Moines Engineer's Club and worked to obtain registration of engineers and licensing of land surveyors in Iowa. During World War I, no meetings were held due to the large number of engineers in the service.

Because of legal problems the engineers of the area organized a new club with the same members. The name of the new club was "Engineer's Club of Des Moines". This club recognized the engineering team and all had a membership grade to join the club. In the late forties, the Engineer's Club of Des Moines became an affiliate club to the Iowa Engineering Society. During this period and the fifties, the membership was active at the club and state level.

When the Iowa Engineering Society joined the National Society of Professional Engineers on February 17, 1956, one of the stipulations was that after this date, IES would only accept Engineers in Training or Professional Engineers as members. When, on January 14, 1965, the Iowa Engineering Society approved the Engineer's Club of Des Moines as a chapter rather than an affiliate club, the membership turned them down.

Programs in the sixties and early seventies were well attended and concentrated on continuing education and the new Iowa law, professionalism, registration, and excellent field trips.

By the mid-seventies, the state society advised the Central Iowa Chapter that they were operating illegally. The writers of the constitution wrote that all voting, amendments, etc. required a quorum of 20 members or 20% of the membership.

A SHORT HISTORY, Cont'd.

At this time, having almost 250 members with an average of 30 attending, nothing was found to be legal. On October 7, 1976 a meeting was held to try to get fifty members to attend so the constitution may be changed. Less than 50 attended the meeting. For four months the Central Iowa Chapter tried unsuccessfully to obtain a quorum. As a result, the state society took back the charter. On March 3, 1977, the new constitution and by-laws were approved. Therefore the Central Iowa Chapter is either twenty-seven or thirty-nine years old.

In the eighties, the Central Iowa Chapter is seeing new life and good attendance at meetings. The Central Iowa Chapter is active in National Society of Professional Engineers functions at the local level. The Central Iowa Chapter is particularly active in Engineers' Week, Scholarship Review and is outstanding in the MathCounts program.

The nineties offered a special challenge to the chapter. With more and more pressure on the public sector budget process, engineers had to become more sensitive than ever to the public good in design and practice.

We need each Engineer Intern and Professional Engineer in our 5 county area to be members of the Central Iowa Chapter of the Iowa Engineering Society and to be active. Our past history shows that the Central Iowa Chapter is the only professional society that cuts across all barriers such as job description, area of practice and area of discipline and works toward the common goals of the engineering profession - registration, professionalism, and continuing education.

Thank you to Otto Tennant for his contribution of the various historic records and information.

OFFICER HISTORY

1965-66

President	.....	Donald H. Zarley
Pres.-Elect	.....	Joseph E. Borg
Vice-Pres	.....	Harold Jobse
Secretary	.....	Ivan J. Kraft
Treasurer	.....	Arthur E. Zahller
Dir. (1 yr)	.....	Chris Hansen
Dir. (2 yr)	.....	G. Hugo Gehris

1966-67

President	.....	Joseph E. Borg
Pres.-Elect	.....	Otto A. Tennant
Vice-Pres	.....	Frank Dennis
Secretary	.....	Ivan J. Kraft
Treasurer	.....	Michael M. Klapp
Dir. (1 yr)	.....
Dir. (2 yr)	.....	Charles R. Barnes

1967-68

President	.....	Otto A. Tennant
Pres.-Elect	.....	Frank Dennis
Vice-Pres	.....	Ivan J. Kraft
Secretary	.....	Michael M. Klapp
Treasurer	.....	Maurice Olchoff
Dir. (1 yr)	.....
Dir. (2 yr)	.....	William Randolph

1968-69

President	.....	Frank Dennis
Pres.-Elect	.....	Ivan J. Kraft
Vice-Pres	.....	Michael M. Klapp
Secretary	.....	James W. Wilson
Treasurer	.....	Gerald L. Katzman
Dir. (1 yr)	.....
Dir. (2 yr)	.....

1969-70

President	.....	Ivan J. Kraft
Pres.-Elect	.....	Michael M. Klapp
Vice-Pres	.....	James W. Wilson
Secretary	.....	Gerald L. Katzman
Treasurer	.....	Byron A. Marks
Dir. (1 yr)	.....
Dir. (2 yr)	.....

1970-71

President	.....	Michael M. Klapp
Pres.-Elect	.....	James W. Wilson
Vice-Pres	.....	Gerald L. Katzmann
Secretary	.....	Byron A. Marks
Treasurer	.....
Dir. (1 yr)	.....
Dir. (2 yr)	.....

1971-72

President	.....	James W. Wilson
Pres.-Elect	.....	Byron A. Marks
Vice-Pres	.....	Ralph A. Emerson
Secretary	.....	Max L. Schardein
Treasurer	.....	Charles H. Lex
Dir. (1 yr)	.....	David Hollinghead
Dir. (2 yr)	.....	Reece Stuart

1972-73

President	.....	Byron A. Marks
Pres.-Elect	.....	David Hollinghead
Vice-Pres	.....	Charles H. Lex
Secretary	.....	Ivan D. Schaller
Treasurer	.....	James F. Fafinski
Dir. (1 yr)	.....	Reece Stuart
Dir. (2 yr)	.....	Dale D. Belknap

OFFICER HISTORY, Cont'd.

1973-74	
President	David Hollinghead
Pres.-Elect	Ivan D. Schaller
Vice-Pres	Dale D. Belknap
Secretary	Leo V. Duffy
Treasurer	Keith E. Shirk
Dir. (1 yr)	Johann L. Willers
Dir. (2 yr)	John A. Wymore

1974-75	
President	Ivan D. Schaller
Pres.-Elect	Leo V. Duffy
Vice-Pres	Kenneth J. Olson
Secretary	Keith E. Shirk
Treasurer	Johann L. Willers
Dir. (1 yr)	James B. Fleming
Dir. (2 yr)	C. Carrier

1975-76	
President	Leo V. Duffy
Pres.-Elect	Keith E. Shirk
Vice-Pres	Edward Teghtmeyer
Secretary	Johann L. Willers
Treasurer	William O. Shell
Dir. (1 yr)	C. Carrier
Dir. (2 yr)	Michael Hayward

1976-77	
President	Keith E. Shirk
Pres.-Elect	C. Carrier
Vice-Pres	Johann L. Willer
Secretary	William O. Shell
Treasurer	Edward Teghtmeyer
Dir. (1 yr)	Michael Hayward
Dir. (2 yr)	David R. Love

1977-78	
President	Christopher Carrier
Pres.-Elect	William O. Shell
Vice-Pres	Allen Munsterman
Secretary	George F. Kanz
Treasurer	James B. Fleming
Dir. (1 yr)	Kent L. Mosher
Dir. (2 yr)	Larry L. Garnatz

1978-79	
President	William O. Shell
Pres.-Elect	Allen Munsterman
Vice-Pres	Robert L. Anderson
Secretary	George F. Kanz
Treasurer	Kent L. Mosher
Dir. (1 yr)	Larry L. Garnatz
Dir. (2 yr)	James B. Fleming

1979-80	
President	Allen Munsterman
Pres.-Elect	George F. Kanz
Vice-Pres	Kent L. Mosher
Secretary	David R. Love
Treasurer	Lonnie D. Hawbaker
Dir. (1 yr)	James B. Fleming
Dir. (2 yr)	Richard Riley

1980-81	
President	George F. Kanz
Pres.-Elect	Kent L. Mosher
Vice-Pres	Lonnie D. Hawbaker
Secretary	Gopal T. K. Krishna
Treasurer	Wayne A. Reed
Dir. (1 yr)	Richard Riley
Dir. (2 yr)	Michael Flattery

OFFICER HISTORY, Cont'd.

1981-82

President	.....	Kent L. Mosher
Pres.-Elect	.....	Lonnie D. Hawbaker
Vice-Pres	.....	G.T.K. Krishna
Secretary	.....	Wayne A. Reed
Treasurer	.....	Jolee L. Belzung
Dir. (1 yr)	.....	Michael Flattery
Dir. (2 yr)	.....	Curtis Klaassen

1982-83

President	.....	Lonnie D. Hawbaker
Pres.-Elect	.....	G. T. K. Krishna
Vice-Pres	.....	Wayne A. Reed
Secretary	.....	Terry L. Martin
Treasurer	.....	Bruce A. Thorson
Dir. (1 yr)	.....	Curtis Klaassen
Dir. (2 yr)	.....	Jolee L. Belzung

1983-84

President	.....	Gopal T. K. Kirshna
Pres.-Elect	.....	Wayne A. Reed
Vice-Pres	.....	Terry L. Martin
Secretary	.....	Bruce A. Thorson
Treasurer	.....	Robert A. Britson
Dir. (1 yr)	.....	Jolee L. Belzung
Dir. (2 yr)	.....	Ross H. Stafford

1984-85

President	.....	Wayne A. Reed
Pres.-Elect	.....	Terry L. Martin
Vice-Pres	.....	Bruce A. Thorson
Secretary	.....	Robert A. Britson
Treasurer	.....	Patricia L. Boddy
Dir. (1 yr)	.....	Ross H. Stafford
Dir. (2 yr)	.....	John W. Meyer

1985-86

President	.....	Terry L. Martin
Pres.-Elect	.....	Bruce A. Thorson
Vice-Pres	.....	Robert A. Britson
Secretary	.....	Jerry L. Johnson
Treasurer	.....	Ross H. Stafford
Dir. (1 yr)	.....	John W. Meyer
Dir. (2 yr)	.....	A. Michael Keller

1986-87

President	.....	Ross H. Stafford
Pres.-Elect	.....	Robert A. Britson
Vice-Pres	.....	John W. Meyer
Secretary	.....	Jerry L. Johnson
Treasurer	.....	Duane McClelland
Dir. (1 yr)	.....	A. Michael Keller
Dir. (2 yr)	.....	Gerald Brickell

1987-88

President	.....	Robert Britson
Pres.-Elect	.....	Larry Crane
Vice-Pres	.....	Jolee Belzung
Secretary	.....	Floyd Bentz
Treasurer	.....	Gerald Brickell
Dir. (1 yr)	.....	Scott Bowman
Dir. (2 yr)	.....	Yang Hahm

1988-89

President	.....	Larry Crane
Pres.-Elect	.....	Jolee Belzung
Vice-Pres	.....	Floyd Bentz
Secretary	.....	Gerald Brickell
Treasurer	.....	Scott Bowman
Dir. (1 yr)	.....	Yang Hahm
Dir. (2 yr)	.....	Neil Guess

OFFICER HISTORY, Cont'd.

1989-90	
President	..... Jolee Belzung
Pres.-Elect	..... Floyd Bentz
Vice-Pres	..... Gerald Brickell
Secretary	..... Scott Bowman
Treasurer	..... Yang Hahm
Dir. (1 yr)	..... Neil Guess
Dir. (2 yr)	..... Douglas Saltsgaver

1990-91	
President	..... Floyd Bentz
Pres.-Elect	..... Gerald Brickell
Vice-Pres	..... Scott Bowman
Secretary	..... Yang Hahm
Treasurer	..... Neil Guess
Dir. (1 yr)	..... Douglas Saltsgaver
Dir. (2 yr)	..... Randy Beavers

1991-92	
President	..... Gerald Brickell
Pres.-Elect	..... Scott Bowman
Vice-Pres	..... Yang Hahm
Secretary	..... Neil Guess
Treasurer	..... Douglas Saltsgaver
Dir. (1 yr)	..... Randy Beavers
Dir. (2 yr)	..... Thomas Scheller

1992-93	
President	..... Scott Bowman
Pres.-Elect	..... Yang Hahm
Vice-Pres	..... Neil Guess
Secretary	..... Douglas Saltsgaver
Treasurer	..... Randy Beavers
Dir. (1 yr)	..... Thomas Scheller
Dir. (2 yr)	..... Johanna Weber

1993-94	
President	..... Yang Hahm
Pres.-Elect	..... Douglas Saltsgaver
Vice-Pres	..... Randy Beavers
Secretary	..... Johanna Weber
Treasurer	..... Gary Gemar
Dir. (1 yr)	..... Timothy Korpela
Dir. (2 yr)	..... Scott Bowman

1994-95	
President	..... Douglas Saltsgaver
Pres.-Elect	..... Randy Beavers
Vice-Pres	..... Johanna Weber
Secretary	..... Gary Gemar
Treasurer	..... Timothy Korpela
Dir. (1 yr)	..... Charles P. Woods
Dir. (2 yr)	..... Yang Hahm

1995-96	
President	..... Randy R. Beavers
Pres.-Elect	..... Johanna E. Weber
Vice-Pres	..... Gary L. Gemar
Secretary	..... Timothy J. Korpela
Treasurer	..... Charles P. Woods
Dir. (1 yr)	..... O. Keith Bowman
Dir. (2 yr)	..... David A. Wray

1996-97	
President	..... Gary L. Gemar
Pres.-Elect	..... Eric F. Horlyk
Vice-Pres	..... John W. Mozena
Secretary	..... David A. Wray
Treasurer	..... Charles P. Woods
Dir. (1 yr)	..... Robert E. Doss
Dir. (2 yr)	..... Johanna E. Weber

OFFICER HISTORY, Cont'd.

1997-98

President	.....	Eric F. Horlyk
Pres.-Elect	.....	John W. Mozena
Vice-Pres	.....	David A. Wray
Secretary	.....	Charles P. Woods
Treasurer	.....	Michael L. Bourland
Dir. (1 yr)	.....	Riccard M. Jennings
Dir. (2 yr)	.....	Monte E. Burr

1998-99

President	.....	John W. Mozena
Pres.-Elect	.....	David A. Wray
Vice-Pres	.....	Charles P. Woods
Secretary	.....	Michael L. Bourland
Treasurer	.....	Nick J. Kuhn
Dir. (1 yr)	.....	Riccard M. Jennings
Dir. (2 yr)	.....	Monte E. Burr

1999-2000

President	.....	David A. Wray
Pres.-Elect	.....	Michael L. Bourland
Vice-Pres	.....	Nick J. Kuhn
Secretary	.....	Mark A. Perington
Treasurer	.....	Charles P. Woods
Dir. (1 yr)	.....	Nathan L. Apprill
Dir. (2 yr)	.....	Matt R. McCants

2000-01

President	.....	Michael L. Bourland
Pres.-Elect	.....	Mark A. Perington
Vice-Pres	.....	Matt R. McCants
Secretary	.....	Tim J. Monson
Treasurer	.....	Nathan L. Apprill
Dir. (1 yr)	.....	Sean D. Brown
Dir. (2 yr)	.....	David L. Weimer

2001-02

President	.....	Mark A. Perington
Pres.-Elect	.....	Matt R. McCants
Vice-Pres	.....	Nathan L. Apprill
Secretary	.....	Sean D. Brown
Treasurer	.....	Tim J. Monson
Dir. (1 yr)	.....	Matt J. Sherwood
Dir. (2 yr)	.....	Ryan J. Chapman

2002-03

President	.....	Matt R. McCants
Pres.-Elect	.....	Nathan L. Apprill
Vice-Pres	.....	Tim J. Monson
Secretary	.....	Matt J. Sherwood
Treasurer	.....	Sean D. Brown
Dir. (1 yr)	.....	Ryan J. Chapman
Dir. (2 yr)	.....	Paul H. Moritz

2003-04

President	.....	Nathan L. Apprill
Pres.-Elect	.....	Tim J. Monson
Vice-Pres	.....	Sean D. Brown
Secretary	.....	Ryan J. Chapman
Treasurer	.....	Matt J. Sherwood
Dir. (1 yr)	.....	Paul H. Moritz
Dir. (2 yr)	.....	Craig M. Phillips

CHAPTER AWARD HISTORY

1977-78

Outstanding Young Engineer..... Lonnie Hawbaker
Engineer of the Year.....Joseph E. Borg
Outstanding Public Service.....
Service to the Chapter.....William O. Shell
Chapter Committee Service.....

1978-79

Outstanding Young Engineer..... Gopal Krishna
Engineer of the Year.....Carl B. Feilmann
Outstanding Public Service.....
Service to the Chapter..... Ivan D. Schaller/Keith E. Shirk
Chapter Committee Service.....

1979-80

Outstanding Young Engineer..... Terry L. Martin
Engineer of the Year.....
Outstanding Public Service.....
Service to the Chapter.....
Chapter Committee Service.....

1980-81

Outstanding Young Engineer..... Myron K. Scheibe
Engineer of the Year..... Jay R. Read
Outstanding Public Service.....James B. Fleming
Service to the Chapter..... Lonnie D. Hawbaker
Chapter Committee Service.....Johanna Weber

1981-82

Outstanding Young Engineer..... George F. Kanz
Engineer of the Year.....H. Robert Veenstra
Outstanding Public Service.....James A. Lynch
Service to the Chapter.....Allen R. Munsterman
Chapter Committee Service.....Gregory D. Long

1982-83

Outstanding Young Engineer.....Bruce Thorson
Engineer of the Year..... James W. Kimm
Outstanding Public Service..... John F. Kintz
Service to the Chapter..... George Kanz
Chapter Committee Service..... Robert A. Britson/Patricia Boddy

CHAPTER AWARD HISTORY, Cont'd.

1983-84

Outstanding Young Engineer..... Robert A. Britson
Engineer of the Year..... Otto Tennant
Outstanding Public Service..... Ivan Schaller
Service to the Chapter..... Kent L. Mosher
Chapter Committee Service..... Karen S. Pedersen

1984-85

Outstanding Young Engineer..... Rao Y. Surampalli
Engineer of the Year..... John C. Calhoun
Outstanding Public Service..... Donald A. Anderson
Service to the Chapter..... Jolee L. Belzung
Chapter Committee Service..... Akanad M. Koshy

1985-86

Outstanding Young Engineer..... Dean M. Burger
Engineer of the Year..... Floyd Bentz
Outstanding Public Service..... Michael M. Klapp
Service to the Chapter..... A. Michael Keller
Chapter Committee Service..... Gerald L. Brickell

1986-87

Outstanding Young Engineer..... Jolee L. Belzung
Engineer of the Year..... Lonnie D. Hawbaker
Outstanding Public Service..... Llewellyn E. Slade
Service to the Chapter..... Wayne A. Reed
Chapter Committee Service..... Charles Woods

1987-88

Outstanding Young Engineer..... Doug Saltgaver
Engineer of the Year..... Thomas Scheller
Outstanding Public Service..... L. D. McMullin
Service to the Chapter..... Donald Beck
Chapter Committee Service..... Scott Bowman

1988-89

Outstanding Young Engineer..... Scott Bowman
Engineer of the Year..... Jolee Belzung
Outstanding Public Service..... Chuck Woods
Service to the Chapter..... Ross Stafford
Chapter Committee Service..... Marty Willman

CHAPTER AWARD HISTORY, Cont'd.

1989-90

Outstanding Young Engineer..... Bret Pilney
Engineer of the Year..... Yang Hahm
Outstanding Public Service..... Chris Jens/Ralph Schlenker
Service to the Chapter..... Robert Britson
Chapter Committee Service..... Rick Ennis

1990-91

Outstanding Young Engineer..... David Fitzwater
Engineer of the Year..... Frank Pulley
Outstanding Public Service..... Terry Shuck
Service to the Chapter..... Scott Bowman
Chapter Committee Service..... Monte Burr

1991-92

Outstanding Young Engineer..... Bradley Skinner
Engineer of the Year..... Charles Woods
Outstanding Public Service..... Rick Tollakson
Service to the Chapter..... Patricia Boddy
Chapter Committee Service..... Robert Miller

1992-93

Outstanding Young Engineer..... Mark Perington
Engineer of the Year..... L.D. McMullen
Outstanding Public Service..... Thomas Scheller
Service to the Chapter..... Mark Jensen
Chapter Committee Service..... Neil Guess

1993-94

Outstanding Young Engineer..... Tom Foldes
Engineer of the Year..... Curt Klaassen
Outstanding Public Service..... Randy Beavers
Service to the Chapter..... Johanna Weber
Chapter Committee Service..... Dennis Blasberg

1994-95

Outstanding Young Engineer..... Dave Moeller
Engineer of the Year..... Richard South
Outstanding Public Service..... Duane Wittstock
Service to the Chapter..... Rachel McQuillen
Chapter Committee Service..... Mark Jensen

CHAPTER AWARD HISTORY, Cont'd.

1995-96

Outstanding Young Engineer..... Mike Vander Wert
Engineer of the Year..... Rachel McQuillen
Outstanding Public Service..... John Peterson
Service to the Chapter..... Ralph Schlenker
Chapter Committee Service..... Robert Doss

1996-97

Outstanding Young Engineer..... Tim Monson
Engineer of the Year..... Dennis Blasberg
Outstanding Public Service..... Jolee Belzung
Service to the Chapter..... Ivan Schaller
Chapter Committee Service..... Don Beck

1997-98

Outstanding Young Engineer..... Dave Wray
Engineer of the Year..... Colby Cunningham
Outstanding Public Service..... Robert Britson
Service to the Chapter..... Charles Woods
Chapter Committee Service..... Larry Strachota

1998-99

Outstanding Young Engineer..... Mark Land
Engineer of the Year..... Dan Israel
Outstanding Public Service..... Floyd Bentz
Service to the Chapter..... Monte Burr
Chapter Committee Service..... Forrest Aldrich

1999-2000

Outstanding Young Engineer..... Nathan Apprill
Engineer of the Year..... Tom Foldes
Outstanding Public Service..... Lee White
Service to the Chapter..... John Mozena
Chapter Committee Service..... Steve Venard

2000-2001

Outstanding Young Engineer..... Matt McCants
Engineer of the Year..... Doug Saltsgaver
Outstanding Public Service..... Monte Burr
Service to the Chapter..... Robert Doss
Chapter Committee Service..... Mark Land

CHAPTER AWARD HISTORY, Cont'd.

2001-2002

Outstanding Young Engineer..... Jeff Carpenter
Engineer of the Year..... Robert Doss
Outstanding Public Service..... Allen Munsterman
Service to the Chapter.....Larry Strachota
Chapter Committee Service..... Dick Gernant

2002-2003

Outstanding Young Engineer..... Wade Greiman
Engineer of the Year..... Mark Perington
Outstanding Public Service.....
Service to the Chapter.....Forrest Aldrich
Chapter Committee Service.....Charles Woods

2003-2004

Outstanding Young Engineer..... Matt J. Sherwood
Engineer of the Year..... Russell Schroeder
Outstanding Public Service.....
Service to the Chapter..... Tracy Warner
Chapter Committee Service.....Kris Kunze

CONSTITUTION

ARTICLE I - NAME - LOCATION - OBJECTIVES

Section 1. The name of this organization shall be the CENTRAL IOWA CHAPTER of the IOWA ENGINEERING SOCIETY. The Member State Society of the National Society of Professional Engineers.

Section 2. The headquarters of the Central Iowa Chapter shall be the City of Des Moines, Iowa. The chapter area shall be assigned by the Iowa Engineering Society and shall initially include Polk, Dallas, Madison, Warren, Jasper and Marshall Counties.

Section 3. The objectives of the Chapter shall be the advancement of engineering knowledge and practice, and maintenance of high professional standards, the fostering of a high quality of civic and public service, the promotion of fellowship and better understanding between members of the various branches of the profession, and the advancement of the professional status, economic welfare and professional development of engineers, both members and non-members.

ARTICLE II - MEMBERSHIP

Section 1. Membership in this Chapter shall be designated by the following grades of membership: Member P.E., Member, Associate, Privileged, Life, Honorary, Land Surveyor, Student and Affiliate.

Section 2. All members in grades other than Honorary and Student shall have voting privileges in Chapter elections.

Section 3. A Member P.E. grade of membership may be conferred upon a person holding a valid license or certificate of registration as a Professional Engineer issued under the laws of any State, Territory, Possession or District of the United States or Province or Territory of Canada. A new application for membership in the Chapter from persons holding such valid license or certificate of registration shall be for this grade and shall include application for membership in the Iowa Engineering Society and NSPE.

Section 4. A Member grade of membership may be conferred upon a non-registered person who, in the opinion of the Chapter Board of Directors is or can become qualified for registration as a professional Engineer in Iowa. Such application must be approved by the IES Executive Board before Membership is valid.

Section 5. An Associate grade of membership may be conferred upon a person who:
a. holds an Engineer-in-Training Certificate issued by a lawfully constituted Registration Board of any State, Territory, Possession or District of the United States or a Province or Territory of Canada.

CONSTITUTION, Cont'd.

b. is a graduate engineer actively pursuing an engineering career or engaged in post-graduate study.

This membership grade for classification (a.) above, shall also include membership in IES and NSPE.

Section 6. A Privileged grade of membership will be conferred on any Member P.E. or Member when so designated by IES.

Section 7. A Life grade of membership will be conferred on any Member P.E. or Member when so designated by IES.

Section 8. An Honorary grade of membership will be conferred upon any person so designated by IES, or so designated by the CIC Board of Directors because of high professional attainment or having rendered exceptional service to the Chapter. The number so designated shall not exceed 2% of the total membership of record for the current fiscal year.

Section 9. A Land Surveyor grade of membership may be conferred upon a person holding a valid certificate of registration as a Land Surveyor only.

Section 10. A Student grade of membership may be conferred upon a person who at the time of his application is a Student in a college or university which has been approved by IES.

Section 11. An Affiliate grade of membership may be conferred upon a person who is not qualified by training or experience to become a registered engineer, but, who is engaged in the practice of technical skills allied to or affiliated with the engineering profession. This grade of membership shall include membership in IES if approved by the IES Executive Committee.

Section 12. All persons to be eligible for any grade of membership must be of good moral character and reputation and must subscribe to the Code of Ethics as published by the Iowa Engineering Society.

ARTICLE III - OFFICERS

Section 1. Only a Member P.E. shall hold office of President, President-Elect, and State Director. Other membership grades except Student may hold offices of Vice-President, Secretary, and Treasurer.

Section 2. Officers shall be elected annually and shall be ineligible to succeed themselves in the same office, except that the Secretary of the Chapter may be nominated and elected to succeed himself in office and to continue such office.

CONSTITUTION, Cont'd.

Section 3. In the event of a vacancy in the office of President, the President-Elect shall succeed to the office. Other vacancies shall be filled by appointment by the Board of Directors.

Section 4. The duties of the various officers shall be the same as those usual for such officers, and shall include such specific duties as may be prescribed in the By-Laws.

ARTICLE IV - BOARD OF DIRECTORS

Section 1. The Board of Directors shall consist of two elected Directors, the immediate Past-President, the President, the President-Elect, the Vice-President, the Secretary, and the Treasurer. The President shall be the presiding officer.

Section 2. One Director shall be elected annually for a two year term and shall not be eligible to succeed himself in office as an elected Director.

Section 3. The Board of Directors shall be the governing body of the Chapter. They shall have supervision and care of all affairs and property of the Chapter.

Section 4. The Board of Directors shall designate from within its membership such representatives to the Board of Directors of the Iowa Engineering Society as required by the Iowa Engineering Society.

ARTICLE V - ELECTIONS

Section 1. Election of Officers and Directors shall be in accordance with the By-Laws. Officers and Directors shall serve until qualified successors are elected and duly installed.

ARTICLE VI - MEETINGS AND QUORUMS

Section 1. Regular and special meetings and the Annual Meeting of the Chapter shall be held at such times as provided by the By-Laws, and at such place as the Board of Directors shall designate.

Section 2. Twenty members shall constitute a quorum, but a lesser number may meet and adjourn the Chapter to another time and enter such action on the records of the Chapter. This quorum shall be required for the transaction of ordinary business or for voting upon amendments to the Constitution or By-Laws.

Section 3. Four Board members shall constitute a quorum for a meeting of the Board of Directors.

CONSTITUTION, Cont'd.

ARTICLE VII - CONSTITUTIONAL AMENDMENTS

Section 1. Proposed amendments to the Constitution of this Chapter may be submitted in writing signed by three or more members of the Chapter, at any meeting where a quorum is present. If, after due consideration, such amendments are approved by two-thirds majority of the voting members present, the Secretary shall mail a copy of the proposed amendments to each member of the Chapter, along with a ballot for voting for or against said amendment at least ten days prior to the date when the vote should be counted. The ballot shall indicate the date for counting the votes, said date to be set by the Board of Directors. The amendments shall be declared adopted if a two-thirds majority of the members voting vote favorably for the amendment.

Section 2. Amendments under this Article become effective immediately upon adoption by the Chapter. The Iowa Engineering Society will be immediately notified by the Secretary of the Chapter of all amendments made under this Article.

ARTICLE VIII - BY-LAWS

Section 1. At any regular meeting where the required quorum is present, the Chapter may initiate action for the adoption of By-Laws or the amendment of existing By-Laws for its guidance, or for furthering its objectives.

Section 2. New By-Laws or proposed amendments to existing By-Laws shall be presented in writing, signed by three members of the Chapter, and shall be filed with the Secretary. Consideration shall be given at the next regular meeting of the Chapter, where a quorum is present, a two-thirds majority of the membership present will be required for passage.

Section 3. Changes in the By-Laws become effective as provided in Article VII, Section 2., for Constitutional Amendments.

BY-LAWS

ARTICLE I - MEMBERSHIP

Section 1. Applicants for admission to membership in the Chapter, if not already a member of NSPE, shall complete membership application form of NSPE. The required dues under Article II hereof shall be tendered with each application.

Section 2. Former members may petition for reinstatement. Members may resign. Members may be dropped from the membership roll of the Chapter for non-payment of dues.

ARTICLE II - DUES

Section 1. Annual Chapter dues effective upon adoption shall be twenty dollars (\$20.00) for all Member, P.E. Member, Land Surveyor Member, Associate over 30 years of age and Affiliates; twenty dollars (\$20.00) per year for Privileged and Associates under 30 years of age; ten dollars (\$10.00) per year for Student; No Dues for Life and Honorary Members.

Section 2. All dues shall become payable at the beginning of each calendar year. Dues shall be collected through NSPE and the Chapter dues shall be remitted back to the Treasurer of the Chapter.

Section 3. The dues for new members in any grade submitting application after the end of the second quarter of the calendar year shall be 50% of the dues for a full year.

Section 4. The fiscal year of the Chapter shall coincide with the fiscal year of the Iowa Engineering Society. The administrative year of the Chapter shall coincide with the administrative year of the Iowa Engineering Society.

ARTICLE III - MEETINGS

Section 1. Regular meetings of the Chapter shall be held monthly at such time and place as the Board of Directors may elect, (except that no regular meetings shall be scheduled during the months of June, July and August.)

Section 2. Regular meetings of the Board of Directors shall be held monthly (except that no regular Board Meetings shall be scheduled during the months of May, June, and July). The President shall designate the time and place of meetings of the Board of Directors.

BY-LAWS, Cont'd.

Section 3. The Annual Meeting of the Chapter shall be the regularly scheduled meeting for the month of May each year in conformance with ARTICLE II Section 4.

Section 4. All business meetings of the Chapter, and all meetings of the Board of Directors, shall be conducted in general accordance with the parliamentary procedure as prescribed in Roberts' Rules of Order. Proxy votes shall not be recognized in any meeting or election of the Chapter or Board of Directors.

ARTICLE IV - ELECTION PROCEDURE

Section 1. Prior to the first regular meeting before the Annual Meeting, the Nominating Committee shall select nominees for the various offices and secure their consent to appear on the official ballot.

Section 2. At the first regular meeting before the Annual Meeting, the nominees shall be presented by the Chairman of the Nominating Committee. Further nominations from the floor will be accepted, provided the consent of the nominee is secured.

Section 3. Ten days or more prior to the Annual Meeting, the Secretary shall mail a notice to members listing the nominees.

Section 4. At the Annual Meeting, voting members shall elect, by printed ballot, a President-Elect, a Vice-President, a Secretary, a Treasurer and a Director. Tie votes shall be decided by lot. The report of the Tellers Committee will list the names of new officers. The President-Elect will automatically become President at the second Annual Meeting following his election as President-Elect. A President shall be elected at only the first election of the Chapter, and a second Director will be elected for a one-year term to serve only during the first year of the Chapter.

Section 5. After election a joint meeting of old and new Board shall be held, followed by the appointment of new Committees by the new Board, including designation of representative(s) to the Board of Directors of the Iowa Engineering Society and their certification to the State Society.

Section 6. At the Annual Meeting, year end reports of officers and committees will be presented. The new Board members will be introduced. The new officers and Board will assume their duties at a joint meeting of the new and old Board of Directors held subsequent to the Annual Meeting and prior to the first meeting of the new administrative year.

BY-LAWS, Cont'd.

ARTICLE V - COMMITTEES

Section 1. The Board of Directors may establish or discontinue standing and temporary committees as required by Chapter activities. The President shall appoint committee members and designate committee chairmen.

Section 2. Chapter and local standing committees which may be established but not necessarily required shall include:

Program	Membership
Attendance	Ethics
Scholarship	Public Relations
Nominating	Employment Relations
Tellers	Professional Development

Section 3. The chairman or his designated representative, of any committee established under Section 1 or Section 2 shall be certified to the Iowa Engineering Society as the representative of the Chapter to a State level committee for which Chapter participation is desired or required.

Section 4. The President may appoint Chapter members and certify them to the Iowa Engineering Society to serve on State-level committees, as well as other committees which the Iowa Engineering Society may request.

ARTICLE VI - FUNCTIONAL SECTIONS

Section 1. The Board of Directors may establish Chapter Functional Sections in which members with similar employment may focus attention on their own common professional interests.

ARTICLE VII - DUTIES OF OFFICERS AND REPRESENTATIVES

Section 1. Chapter Representatives to the Board of Directors of the Iowa Engineering Society are actively responsible for establishing policies of the Iowa Engineering Society, reflecting as much as possible the known wishes of the Chapter. The representatives shall keep the Chapter informed of the activities of the Iowa Engineering Society and the National Society of Professional Engineers. Attendance at Iowa Engineering Society Board meetings is expected. Where absences are anticipated, the Representative shall arrange for the Chapter President to designate an alternate from the Board of Directors.

BY-LAWS, Cont'd.

Section 2. The President is responsible for coordinating activities with the Iowa Engineering Society and the National Society of Professional Engineers and for operating the local unit as a Chapter. The President shall note changes in the IES Constitution and By-Laws and initiate action to enable the Chapter to consider such changes.

Section 3. The Secretary shall acquire for each member of the Chapter Board of Directors a copy of the current issue of the Society and Chapter Handbook.

CODE OF ETHICS FOR ENGINEERS

PREAMBLE

Engineering is an important and learned profession. The members of the profession recognize that their work has a direct and vital impact on the quality of life for all people. Accordingly, the services provided by engineers require honesty, impartiality, fairness and equity, and must be dedicated to the protection of the public health, safety and welfare. In the practice of their profession, engineers must perform under a standard of professional behavior which requires adherence to the highest principles of ethical conduct on behalf of the public, clients, employers and the profession.

I. FUNDAMENTAL CANONS

Engineers, in the fulfillment of their professional duties, shall:

1. Hold paramount the safety, health and welfare of the public in the performance of their professional duties.
2. Perform services only in areas of their competence.
3. Issue public statements only in an objective and truthful manner.
4. Act in professional matters for each employer or client as faithful agents or trustees.
5. Avoid improper solicitation of professional employment.

II. RULES OF PRACTICE

1. Engineers shall hold paramount the safety, health and welfare of the public in the performance of their professional duties.
 - a. Engineers shall at all times recognize that their primary obligation is to protect the safety, health, property or welfare of the public. If their professional judgment is overruled under circumstances where the safety, health, property or welfare of the public are endangered, they shall notify their employer or client and such other authority as may be appropriate.
 - b. Engineers shall approve only those engineering documents which are safe for public health, property and welfare in conformity with accepted standards.
 - c. Engineers shall not reveal facts, data or information obtained in a professional capacity without the prior consent of the client or employer except as authorized or required by law or this Code.
 - d. Engineers shall not permit the use of their name or firm name nor associate in business ventures with any person or firm which they have reason to believe is engaging in fraudulent or dishonest business or professional practices.

CODE OF ETHICS FOR ENGINEERS, Cont'd.

- e. Engineers having knowledge of any alleged violation of this Code shall cooperate with the proper authorities in furnishing such information or assistance as may be required.
2. Engineers shall perform services only in the areas of their competence.
 - a. Engineers shall undertake assignments only when qualified by education or experience in the specific technical fields involved.
 - b. Engineers shall not affix their signatures to any plans or documents dealing with subject matter in which they lack competence, nor to any plan or document not prepared under their direction and control.
 - c. Engineers may accept an assignment outside of their fields of competence to the extent that their services are restricted to those phases of the project in which they are qualified, and to the extent that they are satisfied that all other phases of such project will be performed by registered or otherwise qualified associates, consultants, or employees, in which case they may then sign the documents for the total project.
 3. Engineers shall issue public statements only in an objective and truthful manner.
 - a. Engineers shall be objective and truthful in professional reports, statements or testimony. They shall include all relevant and pertinent information in such reports, statements or testimony.
 - b. Engineers may express publicly a professional opinion on technical subjects only when that opinion is founded upon adequate knowledge of the facts and competence in the subject matter.
 - c. Engineers shall issue no statements, criticisms or arguments on technical matters which are inspired or paid for by interested parties, unless they have prefaced their comments by explicitly identifying the interested parties on whose behalf they are speaking, and by revealing the existence of any interest the engineers may have in the matters.
 4. Engineers shall act in professional matters for each employer or client as faithful agents or trustees.
 - a. Engineers shall disclose all known or potential conflicts of interest to their employers or clients by promptly informing them of any business association, interest, or other circumstances which could influence or appear to influence their judgment or the quality of their services.
 - b. Engineers shall not accept compensation, financial or otherwise, from more than one party for services on the same project, or for services pertaining to the same project, unless the circumstances are fully disclosed to, and agreed to, by all interested parties.
 - c. Engineers shall not solicit or accept financial or other valuable consideration, directly or indirectly, from contractors, their agents, or other parties in connection with work for employers or clients for which they are responsible.

CODE OF ETHICS FOR ENGINEERS, Cont'd.

- d. Engineers in public service as members, advisors or employees of a governmental body or department shall not participate in decisions with respect to professional services solicited or provided by them or their organizations in private or public engineering practice.
 - e. Engineers shall not solicit or accept a professional contract from a governmental body on which a principal or officer of their organization serves as a member.
5. Engineers shall avoid solicitation of professional employment.
- a. Engineers shall not falsify or permit misrepresentation of their, or their associates', academic or professional qualifications. They shall not misrepresent or exaggerate their degree of responsibility in or for the subject matter of prior assignments. Brochures or other presentations incident to the solicitation of employment shall not misrepresent pertinent facts concerning employers, employees, associates, joint ventures or past accomplishments with the intent and purpose of enhancing their qualifications and their work.
 - b. Engineers shall not offer, give, solicit or receive, either directly or indirectly, any political contribution in an amount intended to influence the award of a contract by public authority, or which may be reasonably construed by the public of having the effect or intent to influence the award of a contract. They shall not offer any gift or other valuable consideration in order to secure work. They shall not pay a commission, percentage or brokerage fee in order to secure work except to a bona fide employee or bona fide established commercial or marketing agencies retained by them.

III. PROFESSIONAL OBLIGATIONS

1. Engineers shall be guided in all their professional relations by the highest standards of integrity.
- a. Engineers shall admit and accept their own errors when proven wrong and refrain from distorting or altering the facts in an attempt to justify their decisions.
 - b. Engineers shall advise their clients or employers when they believe a project will not be successful.
 - c. Engineers shall not accept outside employment to the detriment of their regular work or interest. Before accepting any outside employment they will notify their employers.
 - d. Engineers shall not attempt to attract an engineer from another employer by false or misleading pretenses.
 - e. Engineers shall not actively participate in strikes, picket lines, or other collective coercive action.
 - f. Engineers shall avoid any act tending to promote their own interest at the expense of the dignity and integrity of the profession.

CODE OF ETHICS FOR ENGINEERS, Cont'd.

2. Engineers shall at all times strive to serve the public interest.
 - a. Engineers shall seek opportunities to be of constructive service in civic affairs and work for the advancement of the safety, health and well-being of their community.
 - b. Engineers shall not complete, sign, or seal plans and/or specifications that are not of a design safe to the public health and welfare and in conformity with accepted engineering standards. If the client or employer insists on such unprofessional conduct, they shall notify the proper authorities and withdraw from further service on the project.
 - c. Engineers shall endeavor to extend public knowledge and appreciation of engineering and its achievements and to protect the engineering profession from misrepresentation and misunderstanding.
3. Engineers shall avoid all conduct or practice which is likely to discredit the profession or deceive the public.
 - a. Engineers shall avoid the use of statements containing a material misrepresentation of fact or omitting a material fact necessary to keep statements from being misleading; statements intended or likely to create an unjustified expectation; statements containing prediction of future success; statements containing an opinion as to the quality of the Engineers' services; or statements intended or likely to attract clients by the use of showmanship, puffery, or self-laudation, including the use of slogans, jingles, or sensational language or format.
 - b. Consistent with the foregoing, Engineers may advertise for recruitment of personnel.
 - c. Consistent with the foregoing, Engineers may prepare articles for the lay or technical press, but such articles shall not imply credit to the author for work performed by others.
4. Engineers shall not disclose confidential information concerning the business affairs or technical processes of any present or former client or employer without his consent.
 - a. Engineers in the employ of others shall not without the consent of all interested parties enter promotional efforts or negotiations for work or make arrangements for other employment as a principal or to practice in connection with a specific project for which the Engineer has gained particular and specialized knowledge.
 - b. Engineers shall not, without the consent of all interested parties, participate in or represent an adversary interest in connection with a specific project or proceeding in which the Engineer has gained particular specialized knowledge on behalf of a former client or employer.
5. Engineers shall not be influenced in their professional duties by conflicting interests.
 - a. Engineers shall not accept financial or other considerations, including free engineering designs, from material or equipment suppliers for specifying their product.

CODE OF ETHICS FOR ENGINEERS, Cont'd.

- b. Engineers shall not accept commissions or allowances, directly or indirectly, from contractors or other parties dealing with clients or employers of the Engineer in connection with work for which the Engineer is responsible.
6. Engineers shall uphold the principle of appropriate and adequate compensation for those engaged in engineering work.
- a. Engineers shall not accept remuneration from either an employee or employment agency for giving employment.
 - b. Engineers, when employing other engineers, shall offer a salary according to professional qualifications and the recognized standards in the particular geographical area.
 - c. Engineers in sales employment shall not offer, or give engineering consultation, or designs, or advice other than specifically applying to the equipment being sold.
7. Engineers shall not compete unfairly with other engineers by attempting to obtain employment or advancement or professional engagements by taking advantage of a salaried position, by criticizing other engineers, or by other improper or questionable methods.
- a. Engineers shall not request, propose, or accept a professional commission on a contingent basis under circumstances in which their professional judgment may be compromised.
 - b. Engineers in salaried positions shall accept part-time engineering work only at salaries not less than that recognized as standard in the area.
 - c. Engineers shall not use equipment, supplies, laboratory, or office facilities of an employer to carry on outside private practice without consent.
8. Engineers shall not attempt to injure, maliciously or falsely, directly or indirectly, the professional reputation, prospects, practice or employment of other engineers, nor indiscriminately criticize other engineers' work. Engineers who believe other engineers are guilty of unethical or illegal practice shall present such information to the proper authority for action.
- a. Engineers in private practice shall not review the work of another engineer for the same client, except with the knowledge of such engineer, or unless the connection of such engineer with the work has been terminated.
 - b. Engineers in governmental, industrial or educational employ are entitled to review and evaluate the work of other engineers when so required by their employment duties.
 - c. Engineers in sales or industrial employ are entitled to make engineering comparisons of represented products with products of other suppliers.
 - b. Engineers shall not use association with a non-engineer, a corporation, or partnership, as a "cloak" for unethical acts, but must accept personal responsibility for all professional acts.

CODE OF ETHICS FOR ENGINEERS, Cont'd.

9. Engineers shall accept personal responsibility for all professional activities.
 - a. Engineers shall conform with state registration laws in the practice of engineering.
10. Engineers shall give credit for engineering work to those to whom credit is due, and will recognize the proprietary interests of others.
 - a. Engineers shall, whenever possible, name the person or persons who may be individually responsible for designs, inventions, writings, or other accomplishments.
 - b. Engineers using designs supplied by a client recognize that the designs remain the property of the client and may not be duplicated by the Engineer for others without express permission.
 - c. Engineers, before undertaking work for others in connection with which the Engineer may make improvements, plans, designs, inventions, or other records which may justify copyrights or patents, should enter into a positive agreement regarding ownership.
 - d. Engineers' designs, data, records, and notes referring exclusively to an employer's work are the employer's property.
11. Engineers shall cooperate in extending the effectiveness of the profession by interchanging information and experience with other engineers and students, and will endeavor to provide opportunity for the professional development and advancement of engineers under their supervision.
 - a. Engineers shall encourage engineering employees' efforts to improve their education.
 - b. Engineers shall encourage engineering employees to attend and present papers at professional and technical society meetings.
 - c. Engineers shall urge engineering employees to become registered at the earliest possible date.
 - d. Engineers shall assign a professional engineer duties of a nature to utilize full training and experience, insofar as possible, and delegate lesser functions to subprofessionals or to technicians.
 - e. Engineers shall provide a prospective engineering employee with complete information on working conditions and proposed status of employment, and after employment will keep employees informed of any changes.

“By order of the United States District Court for the District of Columbia, former Section 11© of the NSPE Code of Ethics prohibiting competitive bidding, and all policy statements, opinions, rulings or other guidelines interpreting its scope, have been rescinded as unlawfully interfering with the legal right of engineers, protected under the antitrust laws, to provide price information to prospective clients; accordingly, nothing contained in the NSPE Code of Ethics, policy statements, opinions, rulings or other guidelines prohibits the submission of price quotations or competitive bids for engineering services at any time or in any amount.”

CODE OF ETHICS FOR ENGINEERS, Cont'd.

Statement by NSPE Executive Committee

In order to correct misunderstandings which have been indicated in some instances since the issuance of the Supreme Court decision and the entry of the Final Judgment, it is noted that in its decision of April 25, 1978, the Supreme Court of the United States declared: "The Sherman Act does not require competitive bidding".

It is further noted that as made clear in the Supreme Court decision:

1. Engineers and firms may individually refuse to bid for engineering services.
2. Clients are not required to seek bids for engineering services.
3. Federal, state, and local laws governing procedures to procure engineering services are not affected, and remain in full force and effect.
4. State societies and local chapters are free to actively and aggressively seek legislation for professional selection and negotiation procedures by public agencies.
5. State registration board rules of professional conduct, including rules prohibiting competitive bidding for engineering services, are not affected and remain in full force and effect. State registration boards with authority to adopt rules of professional conduct may adopt rules governing procedures to obtain engineering services.
6. As noted by the Supreme Court, "nothing in the judgment prevents NSPE and its members from attempting to influence governmental action..."

Note

In regard to the question of application of the Code to corporations vis-a-vis real persons, business form or type should not negate nor influence conformance of individuals to the Code. The Code deals with professional services, which services must be performed by real persons. Real persons in turn establish and implement policies within business structures. The Code is clearly written to apply to the Engineer and it is incumbent on a member of NSPE to endeavor to live up to its provisions. This applies to all pertinent sections of the Code.

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