

THE INTERNATIONAL PYROTECHNICS SOCIETY, INC.

**CONSTITUTION
AND
BYLAWS**

**Adopted November 25, 1981
Revised February 1, 1984
Revised February 1, 1988
Revised July 11, 1990
Revised November 20, 1992
Revised June 15, 1996
Revised September 15, 1997
Revised April 1, 2004**

THE INTERNATIONAL PYROTECHNICS SOCIETY, INC

CONSTITUTION

NAME This Society is named "The International Pyrotechnics Society, Inc."

PURPOSE The Purposes of this Society are:

1. To promote and facilitate the exchange of information concerning the science and technology of energetic materials, including propellants, explosives, and pyrotechnics, among all interested persons.
2. To create and maintain information resources which can expedite and enhance a member's search for information regarding the science and technology of energetic materials as well as information on devices and applications which utilize energetic materials.
3. To sponsor or sanction symposia on topics in the field of energetic materials research, development, technology, and applications at such intervals as may be appropriate to further its first purpose as stated above.
4. To encourage research and education in the science and technology of energetic materials.

ORGANIZATION The Society will be composed of the following International, National and Local organizations:

1. The International Pyrotechnics Society, with officers and members from any or all of the participating countries.
2. National Departments, e.g., "Canadian Department of The International Pyrotechnics Society" composed of the members who are resident in a country and officers elected by the national department members.
3. Local Divisions may be created if warranted by the numbers and activity of the members in a large section of the Department area, e.g., "The Alberta Division of the Canadian Department".
4. If warranted by the numbers and activity of the membership in a small part of a Department area, a chapter, e.g., "Calgary Chapter, Alberta Division, Canadian Department" may be formed.

MEMBERSHIP Membership is open to all persons who have and can show a bonafide interest in pyrotechnics as it is defined in the Bylaws. Members will be categorized as: 1) Charter Member, 2) Regular Member, 3) Corporate Member (a. Sustaining, b. Supporting or c. Patron), 4) Life Member, and 5) Honorary Member.

OFFICERS

International. The elected officers of the Society shall be a President, two Vice-Presidents, a Secretary, an Archivist, and a Treasurer. The offices of Secretary and Treasurer may be occupied by the same person, if elected by the members. The two Vice-Presidents may not be from the same country, at any given time.

National. Elected officers of Departments, Divisions and Chapters of this Society will be a President, a Vice-President, a Secretary/Treasurer, and an Archivist.

TERMS OF OFFICE

International

1. All officers of the Society will be elected by vote of the members to serve a term of two years.
2. The President and Vice-Presidents may not serve more than two terms.
3. The Secretary and Treasurer may serve at the pleasure of the membership, for a maximum of ten years, in either or both offices.
4. The Archivist may serve at the pleasure of the membership for a maximum of twenty years.

National Departments, Divisions and Chapters

1. All officers of the National and Local societies will be elected by vote of the national and local members, respectively, to serve a term of one year.
2. The President and Vice-Presidents may not serve more than two terms.
3. The Secretary-Treasurer, may serve at the pleasure of the membership, for a maximum of six years. The Archivist may serve at the pleasure of the membership for a maximum of ten years.

SUCCESSION

The President may not serve in consecutive terms. Each Vice-President may serve for two consecutive terms. If an office is vacated, succession will be determined by the ranking of candidates on the most recent regular ballot. If the ballot does not provide a successor, the other officers will select a successor to serve until the next regular elections. This individual may continue in this office for the next term if elected by a regular ballot. He/she may serve two full terms if elected by regular ballot of the membership.

INSTALLATION

International officers will assume their duties at the General Business Meeting immediately following the announcement of their election. It is intended that his meeting occur during the first days of a biennial meeting for the presentation of scientific papers, which meeting lasts for three or more days and is international in scope.

National and local officers will be installed at the next regular meeting following their election.

FINANCES

The financial operations of the Society shall be subject to the following:

1. The Fiscal year shall begin at 12:01 AM, July first and terminate at midnight, June thirtieth.
2. Disbursements may be made only by two-signature check.
3. The President, Vice-Presidents, Secretary and Treasurer will be authorized to sign disbursement checks and will be bonded as determined by the Governing Board.
4. Income is to consist of annual dues, gifts or contributions, meeting and registration fees, revenue from Society publications and service fees.
5. All income is to be deposited in a federally insured savings account, or the national equivalent, from which funds may be withdrawn by two signatures for deposit to a checking account in a federally insured savings institution or bank, or the national equivalent. The balance in the checking account may not exceed ordinary expenses for a two month interval by more than ten percent. Checks drawn against this account require two signatures, as authorized in the Bylaws.
6. Officers will serve without remuneration. They will be reimbursed for essential and reasonable expenses incurred in the performance of their duties. Expenses in excess of the limit set in the Bylaws must be approved by the Finance Committee before they are incurred.

BUSINESS MEETINGS

International. One General Meeting will be held at least every two years, primarily for the presentation of current work in pyrotechnic research and development. Note: This will, in effect, be held concurrently with the International Pyrotechnics Seminars begun in 1968. A General Business Meeting of past, present, and newly elected officers will be held at the biennial General Meeting. Results of elections, and any other actions by the membership and officers during the preceding biennium, will be presented at the opening session of the General Meeting.

National. At least one National Departmental, and one Divisional business meeting, will be held every year for the conduct of essential business and the installation of officers. These meetings may not be scheduled in a manner that conflicts with attendance at the International General Meeting. Local chapter meetings shall be held at the pleasure of their members.

VOTING RIGHTS All members in good standing may cast one vote in all general elections and meetings, unless voting rights are restricted by the Bylaws.

ELECTIONS Elections of officers and changes in the Bylaws will be decided by a simple majority of the ballots received from the active* membership.

PUBLICATIONS The following items will govern publications:

1. The International Society may publish papers presented at the biennial General Meeting, and such other publications as the International Society may approve by a 51% affirmative vote of the active membership.
2. The cost of publications shall be defrayed by revenue derived from their sale; the revenue may be supplemented by general revenues of the International Society when approved by a 51% affirmative vote of the active International Membership. Percentage is to be computed on the ballots received within six weeks.
3. The International Secretary will be responsible for the action necessary to ensure editing, publishing, and distribution of publications.
4. The official journal for The International Pyrotechnics Society is *Propellants, Explosives, Pyrotechnics*, published by John Wiley & Sons, Inc.

**CONSTITUTIONAL
AMENDMENTS**

Amendments to the Constitution and Bylaws may be presented by any member to the officers. A two-thirds affirmative vote by the officers is required to present the suggested change of the Constitution and Bylaws to the membership for their action by a referendum. A two-thirds affirmative response of the votes returned for the referendum is required for the adoption of the proposed change. The referendum will be held by a simultaneous mailing of ballots to the active membership. Six weeks from the date of mailing, the return ballots will be tallied and the referendum closed. Results will be announced by a mailing to all active members.

*See Bylaws, Article II, Sec. B, Item 5.
"Active" means "in good standing."

CHARTER MEMBERS

Founding:

David H. Anderson
Sandia Laboratories

R. M. Blunt
Denver Research Institute

David R. Dillehay
Longhorn Army Ammunition Plant/Thiokol

Bernard E. Douda
Naval Weapons Support Center/Crane

A. J. Tulis
Illinois Institute of Technology Research Institute

Participating:

See the attached List of Charter Members.

PARTICIPATING CHARTER MEMBERS

In the USA

Dr. David H. Anderson
Sandia Nat'l. Labs
New Mexico

Mr. James L. Austing
IIT. Res. Ins.
Illinois

Mr. Louis Avrami
ARRADCOM
New Jersey

Mr. Robert M. Blunt
Denver Res. Institute
Colorado

Mr. Authur F. Bowman
Atlas Powder Co.
Pennsylvania

Mr. Paul G. Cooper
Sandia Nat'l. Labs.
New Mexico

Mr. Jimmie G. Day
LHAAP/Thiokol
Texas

Mr. Edward L. Dean
Pyro Specialties
Georgia

Dr. David R. Dillehay
LHAAP/Thiokol
Texas

Dr. Carl Dinerman
Naval Weap. Sup. Ctr.
Indiana

Mr. V. T. Dinsdale
Thiokol Corp.
Utah

Mr. James E. Dodgen
Dodgen Eng. Co.
Colorado

Dr. Bernard E. Doua
Naval Surface Warfare Ctr.
Indiana

Outside of the USA

Dr. T. J. Barton
R.A.R.D.E
England

Dr. Bernard Berger
Buck Chem. Tech. Werke
West Germany

Dr. Sven T. Berglund
Nat'l. Def. Res. Ins.
Sweden

Prof. M. L. Bernard
Univ. of Poitiers
France

Mr. Neil Cable
European Space Agency
Netherlands

Mr. Per Collvin
FFV
Sweden

Mr. Jehoshua Corem
Ministry of Defense
Israel

Mr. John M. Crewe
Swartklip Products
South Africa

Mr. Tore Davegardh
A B Bofors
Sweden

Mr. Alan L. Davitt
C X A Ltd.
Canada

Prof. Jing Ding
Beijing Inst. of Tech.
China

Dr. H. M. Freiwald
Buck Co.
West Germany

Mr. Muhammad T. Gill
Def. Sci. & Tech. Org.
Pakistan

PARTICIPATING CHARTER MEMBERS (Continued)

In the USA

Outside of the USA

Mr. Robert T. Findley
RTF Enterprises
Texas

Mr. T. Micheal Fish
Naval Air Sys. Command
DC

Mr. John W. Fronabarger
Unidynamics/Phoenix
Arizona

Mr. Roland H. Guay
Naval Plant Rep.
California

Mr. William F. Hammetter
Sandia Nat'l Labs.
New Mexico

Mr. E. E. (Ted) Hannum
Franklin Res. Ctr.
Pennsylvania

Dr. Alexander P. Hardt
Lockheed Propulsion Lab
California

Mr. Albert A. Heckes
Sandia Nat'l Labs.
New Mexico

Mr. Larry M. Lee
KTech Corp.
New Mexico

Mr. David Levey
Goex Inc.
Texas

Mr. Louis Lo Fiego
Whittaker Corp.
California

Mr. Frances G. Lopata
Winchester Western/Olin
Illinois

Mr. John P. McDonald
Naval Weap Sup. Ctr.
Indiana

Dr. E. D. Glyde
Wallops Industries Ltd.
England

Dr. Jan Hansson
Nat'l Def. Research Inst.
Sweden

Drs. Sc. Guy Hendricks
Hendricks Pyrotechnics
Belgium

Dr. Geoffrey Hooper
R.A.R.D.E.
England

Mr. Syd Howlett
Pains Wessex
England

Mr. Kjell Ole Jacobsen
A/S Raufoss Amm. Fab.
Norway

Mr. Normand A. Jerome
Canadian Arsenals LTD.
Canada

D. Eng. Stig Johansson
Intermatch Sweden AB
Sweden

Dr. Uwe Krone
Nico-Pyrotechnik
West Germany

Dr. Peter G. Laye
Univ. of Leeds
England

Dr. Lorand M. Lenji
Ministry of Defense
Israel

Mr. Pierre Lessard
D.R.E.V.
Canada

Dr. Arie Peretz
Ministry of Defense
Israel

PARTICIPATING CHARTER MEMBERS (Continued)

In the USA

Mr. Frederick L. McIntyre
Computer Sciences Corp.
Massachusetts

Dr. Joseph H. McLain
Washington College
Maryland

Dr. Neale A. Messina
Princeton Comb. Res. Labs.
New Jersey

Mr. William E. Moddeman
Monsanto Res. Corp.
Ohio

Mr. George C. Mullenix
Quantic Industries Inc.
California

Mr. Alan Munger
Monsanto Res. Co.
Ohio

Mr. Raymond Ng
Sandia Nat'l Labs.
California

Mr. Lloyd G. Noel
Naval Weapons Stn.
California

Mr. N. Neil Ogimachi
Teledyne McCormick Selph
California

Mr. Peter P. Ostrowski
Geo-Centers, Inc.
Massachusetts

Mr. Charles Reade, Jr.
Reade Mfg. Co., Inc.
New Jersey

Mr. Charles F. Reade, Sr.
Reade Mfg. Co., Inc.
New Jersey

Dr. A. L. Roberts
Roberts Res. Lab.
California

Outside of the USA

Dr. C. P. Ramaswamy
I D L Chemicals LTD.
India

D. Sc. Ralph Scotoni
Consultant
Liechtenstein

Dr. Takeo Shimizu
KOA FireWorks LTD.
Japan

Mr. John P. Small
Government
Australia

Dr. Hartwig Treumann
B A M
West Germany

Mr. Hubert G. Usel
Usel Res. Laboratory
Austria

Drs. N. H. A. Van Ham
Prins Maurits Lab TNO
Netherlands

Dr. Fred Volk
I. C. T.
West Germany

Mr. Norman R. Williams
R.A.R.D.E.
England

Mr. Tom H. Takahashi
Sandia Nat's Labs.
California

Dr. Frank R. Taylor
ARRADCOM
New Jersey

Dr. Anthony P. Trippe
IRT Corp.
California

Dr. Allen J. Tulis
IIT Res. Inst.
Illinois

PARTICIPATING CHARTER MEMBERS (Continued)

In the USA

Mr. C. Dale Robinson
Naval Weap Sup. Ctr.
Indiana

Mr. Jacob Savitt
Lockheed
California

Mr. Alex Schuman
Chemical Mfg. Exch.
Texas

Mr. Alfred C. Schwarz
Sandia Nat'l Labs.
New Mexico

Mr. James F. Short, Jr.
Naval Surface Warfare Ctr.
Indiana

Mr. Thomas W. Slusher
Nuclei Eng'g. Inc.
Colorado

Mr. Robert D. Smith
Unidynamic/Poenix
Arizona

Mr. Rex L. Smith
Naval Weap. Ctr.
California

In the USA

Mr. Frank J. Valenta
Naval Ord. Stn.
Maryland

Mr. Harold G. Watson
Universal Prop. Co., Inc.
Arizona

Dr. Henry Webster III
Naval Surface Warfare Ctr.
Indiana

Mr. Robert Weinheimer
Quantic Ind. Inc.
California

Mr. Paul Wilcox
Sandia Nat'l Labs.
New Mexico

Mr. John E. Wildridge
Naval Surface Warfare Ctr.
Indiana

Mr. Norman Wilkaitis
Winchester/Olin
Illinois

Mr. V. G. Willis
Crane Army Ammo Act.
Indiana

THE INTERNATIONAL PYROTECHNICS SOCIETY, INC.

BYLAWS

Article I NOMINATIONS AND ELECTIONS

Section A - Officers Nomination Committee

Elected Officers shall be nominated by a Nominating Committee of three members who shall be the three most recent Past Presidents of the Society, Department, Division, or Chapter. Should three presidents be unable or unwilling to serve on the Nomination Committee, the current President shall appoint persons to fill all vacancies. The member who was President in the earliest year shall be Chairman of the Committee. The report of the Nominating Committee will be made to the current President for concurrence not later than five months before start of the Seminar at which the next general business meeting will be held. The President must have served at some point in time prior to the election two years on the Governing Board of the Society.

Section B - Elections and Proposals

International elections shall be held biennially, by mail. Department, Division, and Chapter elections are to be held annually. Only members in good standing* shall be entitled to nominate an individual for election, or to vote in the election of officers. Only members in good standing who have been members of the Society for at least two previous years shall be proposed or accepted as nominees for office. Officers shall be elected by a majority vote of those members voting.

The Secretary of the Society will advertise the administrative details of the elections in a suitable issue of the Society's Newsletter. These details will include:

- the composition of the Nominations Committee;
- the last date at which nominations by the members at large will be accepted by the Secretary;
- the date by which ballot papers will be issued to members at large;
- the last date for the return of completed ballots to the Secretary.

So that the members will have adequate time to consider the nominations and vote on them, and so that the new Board will be able to plan for its assumption of responsibility at the next General Business Meeting, the following timetable will be adhered to as far as is practicable:

*See Bylaws Article II, Sec. B, Item 5, pg 14

- the date for return of completed ballots to the Secretary shall be not later than two weeks before the start of the Seminar at which the new Board will assume office;
- a period of eight weeks will be allowed between issue of

ballots by the Secretary, and his/her receipt of completed ballots from the members at large;

- nominations to the Secretary from the members at large will be in writing and will not be accepted after a date no later than five months before the start of the Seminar;
- the announcement of the elections in the Newsletter will be made not later than six months before the start of the Seminar and will allow at least four weeks for the members at large to submit written nominations to the Nomination Committee.

The Secretary shall deem members who do not return their ballot (or otherwise advise the Secretary of their voting intention in writing or electronically by e-mail) by the prescribed date, to have forfeited their right to vote in that election.

The President shall appoint tellers to count and announce the vote. In the event of a tied vote, the office in question shall be decided by a majority vote of the then existing officers.

Article II MEMBERSHIP

Section A - Membership Classification

There shall be the following classes of membership:

1. Charter Member
2. Regular Member
3. Corporate Member
 - a. Sustaining
 - b. Supporting
 - c. Patron
4. Honorary Member
5. Life Member

Section B - Qualification for Election for Membership

1. Charter Members

A member who was named in the original Constitution of the International Pyrotechnics Society.

2. Regular Members

- a. An applicant for membership should have duties or interests related to advancing the cause of pyrotechnic research, development and/or production.
- b. Application must be made to the Office of the Secretary on the form approved by the International & National officers. Details should be disclosed to demonstrate prescribed duties or interests defined in the Bylaws. The application may be referred to the Board of Directors of the Society for arbitration, if required.
- c. If the application is approved, the applicant shall be notified by the Office of Secretary. The name of the member will be published in the official organ of the Society.

- d. An application may be rejected by a two-thirds vote of the Board of Directors of the Society, if in the opinion of the Board of Directors, the applicant is guilty of professional misconduct, or of action prejudicial to the best interests of The International Pyrotechnics Society or profession.

3. Corporate Members

- a. The International Secretary shall admit as Corporate Members those companies, associations, foundations, groups, or individuals contributing annually to the Society a sum designated by the Bylaws and who meet eligibility requirements as established by the Bylaws. Upon their approval and acceptance by the International Secretary, Corporate and sustaining Members shall be listed in the official organ of the Society. Corporate Members shall have the privilege of attending all meetings of the Society. However, they shall not be eligible to vote or hold office.

b. Contributions

1. Sustaining Member, contribution of \$200 - \$2499
(B,C,D,H)
2. Supporting Member, contribution of \$2500 - \$4999
(B,C,D,F,G,H)
3. Patron Member, contribution of \$5000 or more.
(A,B,C,D,E,F,G,H,I)

c. Benefits

- A. Complete set of bound Proceedings of all seminars held prior to the date of membership.
- B. Listing of the donor's name under the appropriate category in each issue of the official journal.
- C. Membership in the Society for the Chief Executive Officer or his nominee.
- D. Discounted annual Society dues for employees; discount to be set by the Governing Board.
- E. Discounted registration fees at seminars for employees who are Society members.
- F. Reduced fees for exhibit space at seminars.
- G. Preferential location in the exhibit area.
- H. Recognition in Society publications, under the appropriate category, on a page following the title page.
- I. One free subscription to the official organ of the Society.

4. Honorary and Life Members

- a. Honorary Members shall consist of those who may be hereafter elected by the membership from among those individuals who have made outstanding contributions to the advancement of pyrotechnics.
- b. The International Officers shall have the power to elect not more than two Life Members annually, as recognition of outstanding service to the pyrotechnics community.
- c. Honorary and Life Members shall be entitled to vote and to receive the official publications and shall be exempt from dues.

5. Members in Good Standing

Members in good standing or "active members" are those who have paid all legitimate debts owed the Society.

Section C. - Expulsion of Members

Members of any classification may be expelled for causes of conduct which the officers deem contrary to the best interests of this Society. For any cause other than non-payment of dues, expulsion shall occur only after the member complained against has been advised of the complaint lodged against him and has been given reasonable opportunity to answer the charges. Such member shall be entitled to a hearing before the officers. The officers shall hear the case and shall have the power to censure, place on probation for a period not to exceed two years, suspend for a period not to exceed three years, or expel a member, as the findings warrant. A two-thirds vote of the officers is necessary for expulsion. The action of the officers shall be final.

Article III DIVISIONS AND CHAPTERS

Section A - Divisions and Local Chapters

It is the policy of this Society to encourage and recognize the establishment of divisions and local chapters of its members. The national officers shall have the authority to control the establishment, guidance and termination of such divisions and chapters and may establish regulations for this purpose upon such terms and conditions as it may deem appropriate in order to further the objectives and purposes of the Society. The provisions of this Constitution and Bylaws shall be equally binding upon the Society and all of its members.

Section B - Establishment of Divisions and Chapters

Petitions may be submitted to the National Officers for the establishment of a division or a chapter, providing the petition has not less than ten members or potential members. Upon receipt and approval of a petition by the national officers, the National President will issue a charter for the Division or Chapter.

Section C - Dissolution of Divisions or Chapters

Any Division or Chapter inactive for a period of three years or more will be subject to dissolution. Such action shall be preceded by

distribution by mail of a notice of intent of dissolution to the active Division or Chapter membership and to the Secretary of the Division or Chapter being considered. Upon dissolution, the Charter shall be returned to the National President.

Section D - Meetings of Divisions or Chapters

Meetings shall be held at a time and place called by the President.

Article IV DUTIES OF OFFICERS

Section A - President

The President shall be the Executive Officer of the Society and shall designate the presiding officer at all meetings. He/she shall appoint all Committee Chairmen who are not designated by being elected to office.

Section B - Vice-Presidents

The Vice-Presidents shall familiarize themselves with the activities and duties of the President and, if the President is not available to officiate, one of the Vice-Presidents will be selected by the other officers to act during the vacancy. In the event the President and both Vice-Presidents are unable to act, the Secretary shall perform the duties of the President during the period of such incapacity or inability to act.

Section C - Secretary/Treasurer

The Secretary shall have duties usually performed by a secretary and shall maintain the Society's records, send out notices, keep minutes of meetings, and prepare information for publications. The Treasurer shall maintain the financial records and shall receive and disburse funds in accordance with procedures established by the Constitution and Bylaws and shall issue at least one financial (audited) statement annually and distribute it to the membership. The position of Secretary/Treasurer may be occupied by one individual or separated into two positions requiring one elected individual for each position. Bonding of the Treasurer will be at the discretion of the Governing Board, the charge for bonding to be paid by the Society from its income.

Section D - Immediate Past President

The Immediate Past President shall serve as an advisor to the officers and shall have one vote. He/she will perform such duties as may be delegated to him/her by the President.

Section E - Executive Advisor

The President shall appoint an Executive Advisor from the Past Presidents of the Society. The Executive Advisor will perform such duties as may be delegated by the President. He/she will be a non-voting member of the Board of Directors.

Section F - Archivist

It is assumed that the Archivist be an individual responsible for continuity in the governing body of the Society; who will maintain the traditions, history and accepted practices and precedents as they accrue over the years.

Section G - Governance

The President, Vice-Presidents, Secretary, Treasurer, Archivist and the Immediate Past President will constitute a Governing Board. They are authorized to act in a prudent manner on behalf of the Society during the periods between general meetings, to preserve the Society for its members and to promote its well-being.

Article V APPOINTMENT, CONFIRMATION AND DUTIES OF COMMITTEES

I. PRIME COMMITTEES

Section A - Prime Committee Appointments

Committee Chairmen of Prime Committees unless assigned as a result of an elected office shall be appointed by the President and confirmed by the officers at the first meeting following their appointment. The Prime Committees of the Society are Publications, Symposium, Membership, Finance, Technical, and Bursary.

Section B - Prime Committee Duties

1. The Publication Committee shall be responsible for the preparation and distribution of any Journal, Newsletter, or any other publications specified by the Constitution, Bylaws, and/or officer action. The Secretary will be Chairman of the Publication Committee. The Chairman will develop a publication plan and carry it out. He/she may appoint committee members as required to perform work of the committee. He/she will act as the sole source of public relations release in the name of the Society.
2. The Symposium Committee shall be responsible for all activities relating to the International Seminars. The Chairman shall prepare a plan for the meeting and present it to the Governing Board at the earliest possible date for approval. He/she will appoint committee members as required to perform the work of the committee. He/she will keep the Governing Board fully appraised through the year as to the progress, plans, and finances of the meeting.
3. The Membership Committee shall be responsible for all activities relating to the acquisition of regular and Corporate and sustaining Members. The Chairman shall prepare a plan for membership development for Governing Board approval. He/she will appoint committee members as required to perform the work of the committee. The President shall appoint one of the Vice-Presidents to be chairman of the Membership Committee.
4. The Finance Committee shall be responsible for the preparation of the annual budget and will submit the budget to the Governing Board for approval no later than sixty days following the biennial meeting. The Chairman shall be responsible for

the solicitation of funds for the operation of the Society and he will maintain a constant surveillance of the budget. The Chairman may appoint committee members as required to perform the work of the committee. The Treasurer is the Chairman of the Finance Committee.

5. The Technical Committee shall provide assistance to various members, government agencies, and the general public in the areas of competence of the Society. The Chairman will appoint members to this committee as needed to perform the assigned duties.

II. OTHER COMMITTEES

The President shall appoint other committee chairmen as he/she deems necessary. Board confirmation is required and shall be obtained within 30 days following the appointment. Committee chairmen are welcome to attend the Governing Board Meetings; however, they serve as non-voting members.

III. STANDING COMMITTEES

Standing Committees can be appointed by the President to provide for continuity in long range programs.

Article VI DUES

Section A

Dues for all classes of membership shall be established by the International and National Governing Boards.

Section B

Dues are due and payable on July 1. All classes of members (except honorary and life members, who shall be dues exempt) who have not paid their dues within sixty days of July 1 shall be notified of their delinquency. Notices shall be mailed by October 31. If dues are not paid by January 1 following this notice, the member will be removed from the roster of members in good standing, i.e., active membership.

Section C

A delinquent member may be reinstated during the current fiscal year upon payment of delinquent dues in full. In the event a delinquent member does not become reinstated during the current fiscal year, he shall be required to re-apply for new membership.

Article VII REIMBURSEMENTS

Reimbursement for expenses incurred in the legitimate operation of the Society which exceed, or may reasonably be expected to exceed \$250 U.S. must be approved in advance by the Finance Committee.

Article VIII DISBURSEMENTS

Signatures of any two of the officers specified in the next sentence are required for the disbursement of the funds of this Society. The signatures are those of the Treasurer, the Secretary, (or the Secretary/Treasurer), Vice-Presidents, and President.

Article IX PYROTECHNICS DEFINED

For the purposes of this Society, pyrotechnics is defined as: "The science of controlled exothermic reactions which are used to create timing devices, sound effects, aerosol dispersions, gases, heat, electromagnetic radiation, or combinations of these."

It is intended that the definition include pyrotechnic items for displays, commercial applications and military devices.

Article X PYROTECHNICS SEMINARS

Proposal Requirements

For a seminar to be sanctioned by The International Pyrotechnics Society, a proposal must be submitted to the Governing Board at least two years before the proposed meeting date. Exceptions to this requirement will require approval by a majority of the Board. The proposal must provide the following information, as a minimum:

- a) Description of the sponsoring agency and an agreement by that agency to underwrite all financial commitments for the conduct of the seminar.
- b) Proposed date and location of the seminar.
- c) Description of the planned conference facility indicating that it can comfortably accommodate the anticipated number of registrants.
- d) The Chairman of the seminar must be named.
- e) Description of the hotel facilities associated with the conference facility and an indication of probable cost to attendees.
- f) Estimate of proposed registration fee (not binding).

Rules for Sanction

- a) Announcements must be mailed well in advance of the dates of the seminar. (First announcement at least 12 months in advance.)
- b) "Proceedings" must be available at the registration desk on the first day of the seminar.
- c) The Chairman of the seminar must be in contact with the Governing Board of The International Pyrotechnics Society.
- d) The Chairman must furnish a reproduction quality copy of the "Proceedings" to the Governing Board, and the rights to publish and sell the proceedings as "Proceedings of the International Pyrotechnics Seminar".

- e) "Proceedings" are to be hardbound with cover dimensions of 8.75 inches by 11 inches. The spine is to be marked to match previous published proceedings.
- f) If desired, a removable dustjacket may be used to present additional or separate identification.
- g) Exceptions or deviations from any of these requirements must be outlined in the original proposal.

Article XI FRANK CARVER BURSARY

The financial success of the Fourteenth International Pyrotechnics Seminar organised by the UK Government Pyrotechnics Research Group, in conjunction with the British Pyrotechnics Industry, allowed a Bursary Fund to be established. This fund is to assist young pyrotechnicians to attend and present their work at International Seminars sponsored by the Society by contributing to their travelling costs. Additionally, a significant contribution has since been made by the Twenty-eighth Seminar, organised by the Defence Science and Technology Organisation, Australia in November 2001.

The Bursary is known as the **Frank Carver Bursary** and is administered by a Bursary Committee under the auspices of the Society.

The Bursary Committee will consist of the President of the International Pyrotechnics Society and at least two members of the society nominated by him to administer the fund on his behalf. The appointed members will serve at the discretion of the International Pyrotechnics Society President with no limit on the length of time that they can serve.

The capital sum will be invested by the Bursary Committee in such a way that part of the income derived from it will provide one award each year. It shall be the aim of the Bursary Committee to see that the capital sum grows. The Bursary Committee shall ensure that the capital is not used to fund the awards. If there is insufficient income for a full Bursary, then the Bursary shall be issued at a reduced amount, or not at all.

Purpose

The Bursary is intended primarily to assist with traveling expenses. Provided that the recipient of the Bursary does not have to pay the registration fee for the Seminar, then the value of the award shall be set at £1000 Sterling (1990 baseline). If the fee for the Seminar has to be paid, then the Bursary Committee will decide if it is appropriate for the award to be increased to include the registration fee. The value of the Bursary shall be reappraised annually by the Bursary Committee taking into account inflation and the income available from the Bursary Fund.

Eligibility

1. The upper age limit for recipients of the Bursary award will be forty years at the time of submission of the paper; and, the recipient does not necessarily have to be a member of The International Pyrotechnics Society.

2. The paper will be submitted for oral presentation, and the organizers of the Seminar will ensure that it is so presented;
3. The Bursary is a travel award and the further restriction exists that, normally, persons from the country in which the Seminar is being held will be ineligible for consideration. However, the Editorial Committee of the Seminar, in conjunction with the Bursary Committee, may override this restriction at their discretion, particularly where large traveling distances to the Seminar may be involved.
4. The recipient of an award shall not be eligible for future awards.

Notification and Award

1. The organizers of the individual Seminars, prompted by The International Pyrotechnics Society, shall be responsible for advertising the awards at the time of the first call for papers. The Editorial Committee of the Seminar will be responsible for selecting the award recipient on the basis of the quality of the papers submitted for oral presentation and notifying the Chairman of the Bursary Committee of its decision. The Editorial Committee's decision on this will be final.
2. Persons who wish to be considered for the award should notify their intention to the Editorial Committee of the Seminar after the first call for papers and submit their written paper four months before the date of the Seminar.
3. At some time during the Seminar a period will be set aside when the President of The International Pyrotechnics Society will introduce the award winner who will make an oral presentation of the winning paper.
4. The award winner will receive a certificate stating the he/she has won the Frank Carver Bursary and presented his/her paper to The International Pyrotechnics Society Seminar on that date.
5. The organizers of the Seminar will record the winner of the Bursary in the Proceedings of the Seminar.