

◆ NATIONAL TECHNICAL NEWS ◆

Volume 4, Number 21

Fall 1998

NTA Constitution and By-Laws Changes Proposed

The NTA Board of Directors has proposed a number of modifications of the Constitution and Bylaws to improve the efficiency of operations within the organization.

In this issue of the *NTA Newsletter*, we present these change proposals for the information of the readership. **The proposed changes to the Constitution must be voted on by the NTA Membership** (please complete and return the Ballot on Page 11).

Continued on Page 8

NTA Historical Video Now Available

The National Technical Association (NTA) is proud to announce the production of a new video entitled "The Charles S. Duke Story: The Beginnings of the National Technical Association."

This brief video chronicles the life and times of Charles S. Duke, a founder and first president of the NTA. From his beginnings as a son of an Alabama newspaper publisher, through his professional career as one of America's most prominent African-American engineers, Charles S. Duke paved the way for minorities everywhere to pursue engineering

Continued on Page 2

Duke, Continued from Page 1



MEMBERSHIP NEWSLETTER

A Publication of the National Technical Association
Incorporated 1926

1997-1998 NTA BOARD OFFICERS

President

Garry A. Harris

Past President

Michael A. Chapman,
P.E.

Treasurer

Guy L. King

Secretary

Patricia D. Lawson

Historical Publicist

John H. Thompson

Registered Agent

Rupert F. Graham, Jr.

Executive Director

Dr. Mildred F. Johnson

Dr. Woodrow Whitlow, Jr. Appointed Director of Research & Technology, NASA Lewis Research Center

NTA Member Dr. Woodrow Whitlow, Jr. has been selected as the new Director of Research and Technology at the Lewis Research Center. Dr. Whitlow joins the Senior Management Team and brings a wealth of technical and managerial experience to the Center. As a former Program Manager, Division Director at NASA Headquarters, and a Division Chief at the Langley Research Center, Dr. Whitlow has a broad base of management experience that should greatly enhance the performance and capability of the Lewis Research and Technology Directorate. Dr. Whitlow is recognized for his technical expertise in structures and computational fluid dynamics, and for his creative thinking and innovative management style.

Dr. Whitlow previously served as Chief of the Structures Division at the NASA Langley Research Center, Hampton, Virginia. He assumed that position in October 1997 and led research that included analysis, wind

Also in This Issue:

<i>NTA Women Achievers</i>	<i>p. 3-4</i>
<i>Cincinnati Environment</i>	<i>p. 4</i>
<i>Houston Science Students</i>	<i>p. 5</i>
<i>President's Message</i>	<i>p. 6</i>

and science in America.

Hear his descendents tell first-hand how Charles Duke graduated from Harvard University in 1904 and established himself in the engineering field. See examples of his early work in the U.S. and Virgin Islands as a structural and architectural engineer. Discover how he overcame obstacles of the times and constructed one of Chicago's most recognizable landmarks. Most importantly, see for yourself how Charles Duke helped create in 1925 the nation's oldest professional technical association of minority scientists and engineers: The National Technical Association.

This video is a "must see" for NTA members everywhere. It's also an inspiring history lesson for non-NTA members and youth considering science and technology careers. "The Charles S. Duke Story" is an important documentary of one man's efforts to ensure that African-American participation in engineering would not fall victim to discrimination or exclusion. It's an important piece of history that should not be overlooked in American education. Buy one for your library and give one as a gift!

Order your copy now (VHS only) and help the NTA achieve its mission to ensure continued minority participation in science and technology.

Discover how one African-American built an American institution that still today enhances the practice of science and engineering in the USA.

NTA is an IRS 501(c)(3) tax exempt organization. Send orders (\$29.95 check, money order, MC/V/AX) and inquiries to:

Charles S. Duke Video
National Technical Association
6919 N. 19th Street
Philadelphia, PA 19126
215-549-5743 (voice)
215-549-6509 (fax)
<http://www.huenet.com/nta>



Dr. Woodrow Whitlow, Jr.

Continued on Page 2

Whitlow, Continued from Page 1

tunnel testing, and ground and flight experiments in the following areas: aeroelastic phenomena and prediction and control capabilities; metallic and composite structural concepts for advanced aircraft and spacecraft components; methods to predict and control complex aircraft and space structures dynamic responses; advanced computational and multidisciplinary analysis methods; and complex structures subject to mechanical and thermal loads. Facility responsibilities included the Impact Dynamics Research Facility, Aircraft Landing Dynamics Facility, Transonic Dynamics Tunnel, Combined Loads Test System, Thermal Structures Laboratory, Structures and Materials Laboratory, Structural Dynamics Research Laboratory, Space Structures Research Laboratory, and Helicopter Hover Facility.

Dr. Whitlow has had a distinguished and productive career in aeronautical research during his 19 years with NASA. His disciplines of expertise are computational and theoretical fluid dynamics, aerodynamics, unsteady flows, and aeroelasticity. He began his professional career in 1979 as a research scientist at NASA Langley and earned the rank of senior research scientist. He developed methods for analyzing unsteady transonic aerodynamic flows and for predicting

the structural response of aircraft.

From August 1989 to September 1990, Dr. Whitlow was a participant in the NASA Professional Development Program (PDP). He was assigned to NASA Headquarters where he was Program Manager for Structures and Dynamics and Program Manager for Astrophysics.

Dr. Whitlow was Assistant Head of the Aeroservoelasticity Branch at Langley from September 1990 to December 1991. From December 1991 to April 1993, he was head of the Unsteady Aerodynamics Branch at Langley, where he led the development and validation of methods for unsteady aerodynamic and aeroelastic analysis of aircraft. From April 1993 until May 1994, he was head of the Aeroelastic Analysis and Optimization Branch at NASA Langley.

Dr. Whitlow was Director of the Critical Technologies Division, Office of Aeronautics at NASA Headquarters from May 1994 to January 1995. There, he was responsible for leading NASA's aeronautics research programs in the areas of aerodynamics, propulsion and power, materials, structures, controls and guidance, human factors, and advanced aeronautics concepts.

Dr. Whitlow returned to Langley as Deputy Director of the Aeronautics Program Group and served in that position from January 1995 until April 1996, when he became Deputy Director of the Airframe Systems Program. In these positions, he had a shared responsibility for leading and planning focused technology programs and long-range research for flight vehicle airframe systems.

Dr. Whitlow earned a Bachelor of Science (1974), Master of Science (1975) and Doctor of Philosophy (1979) Degrees in Aeronautics and Astronautics from the Massachusetts Institute of Technology (MIT). He has written nearly 40 technical papers, most in the areas of unsteady transonic flow and aeroelasticity. He also has presented invited seminars describing his research at domestic and international forums. He has served on the MIT Department of Aeronautics and Astronautics Visiting Committee and is a member of the MIT Educational Council.

The American Institute of Aeronautics and Astronautics named Dr. Whitlow an Associate

Fellow in 1993. He has received numerous other awards, including the MIT James Means Memorial Prize (1974), the U. S. Black Engineer for Outstanding Achievement in Government (1989), the NASA Exceptional Service Medal (1992), the NASA Equal Opportunity Medal (1996), and the National Technical Association Technical Achiever of the Year Award (1996).

Ladoris G. Harris, Former NTA National Secretary, Named Vice President at ABB Service, Inc.

Ladoris Guess Harris has been named Vice President, Eastern Region for Asea Brown Broveria (ABB) Service, Inc. Previously, Mrs. Harris held the position of General Manager, Southeastern Region for ABB Service, Inc. In her new position, Ladoris is responsible for providing electrical engineering and power system related services to industrial and nuclear customers located in ten states in the mid-Atlantic and southeastern portions of the country. Mrs. Harris's responsibilities include coordinating and managing the activities of over 120 engineering managers, professionals, and technical specialists in the delivery of a variety of highly specialized electrical products and services. The revenues from these activities exceed 70 million dollars annually.

Mrs. Harris began her career at ABB in 1994 as Manager, Charlotte Service Center. In 1996, she was promoted to Manager, Southeast Region. Following a reorganization in 1997, she was promoted to General Manager, Southeast Region.

ABB is the world's largest power systems and electrical engineering corporation. The company's annual revenues exceed 40 billion dollars, and it is present in more than 100 countries around the world.

Ladoris holds a bachelor of science degree in electrical engineering from the University of

*Continued on Page 4
Continued from Page 3*

South Carolina, and a master's degree in technology management from Southern Polytechnic University.

Mrs. Harris is a member of the National Technical Association, and served as National Secretary from 1992 to 1994. She is also a life member of Delta Sigma Theta Sorority.

Past National Student Director Celebrates One Year Anniversary as Entrepreneur

Blending and balancing a technical background with a business future

A strong advocate for self-empowerment and building economic wealth within the Black community, former NTA student director Quelina M. Jordan recently celebrated her entrepreneurial effort's first anniversary. Centralian Consulting Services provides web site design, and site hosting and maintenance (webmastering), for businesses and organizations. Internet training is also available for groups and individuals. Clients include online publications, associations, financial service and engineering firms.

"Having just completed the MBA at American University in Washington, DC, I am focusing on building relationships with Internet and other web service providers," noted Quelina when asked how she plans to grow the business. She added that the name Centralian was chosen because to her it means "success is inevitable when you believe in yourself and are willing to share your talents", and her alma mater (Central State University) afforded her the opportunity to achieve both.

Visit Centralian online at <http://www.centralian.com> or email her at qjordan@centralian.com.

NTA Cincinnati Environmental Education Initiative

CINCINNATI - The National Technical Association- Cincinnati has been awarded a subcontract with the state of Ohio to develop a network of environmental educators within the African American community statewide. As a result of a partnership between the Ohio Alliance for the Environment and the Ohio Environmental Protection Agency's Environmental Education Fund, the NTA-Cincinnati will coordinate the network through its Coalition of Black Envoys.

COBE will be an outreach network of environmental educators to interact with African American grassroots organizations, churches, businesses, etc. Long one of the most affected citizens and those least consulted, African Americans will be able to utilize the expertise of their envoy. The educator will then convey their members concerns to NTA-Cincinnati. Various mediums will include workshops, a website, and surveys.

COBE's first event will be a workshop Wednesday, November 4. "Sustainable Communities . . . Are We Doing Enough?" is this year's theme for the Alliance's annual two-day conference in Columbus. A panel of experts will discuss COBE's theme, "Community Based Environmental Comparative Risk Analysis - Reaching Out To Help Our Community." The workshop will present ways the public can assess the effects of pollution in their communities.

The envoy concept evolved from the Ohio Comparative Risk Project undertaken by OEEF, the Alliance, and NTA-Cincinnati. A multi-year grassroots, environmental planning effort, the Comparative Risk Project evaluated environmental conditions in Ohio and recommended action to address pressing environmental concerns. The project's Phase I was completed in 1995.

As with Phase I, this two-year project will be funded by OEEF. In 1996, OEEF, along with the Environmental Education Council of Ohio, had provided environmental education

for children preschool through grade 12. A similar partnership between the Alliance and OEEF will focus on Ohio's adults using the Comparative Risk Project as the foundation.

OEEF and the Alliance also award a subcontract to the Green Environmental Coalition to coordinate networking efforts in low-income communities statewide. GEC was founded in 1991 in Greene County, Ohio to focus the efforts of thousands of citizens rallying against a hazardous waste burner. Today GEC is an environmental ombudsman, interacting between citizens, lawmakers, and agencies charged with environmental protection.

The purpose of OEEF is to enhance the objective understanding of issues affecting environmental quality in Ohio. OEEF has been a leader nationally in its development of grant guidelines which promote innovative methods of outreach that have been replicated within Ohio and other states.

The Ohio Alliance for the Environment is a nonprofit statewide organization of members from business, education, government, agriculture, industry, religious, citizen, conservation, and environmental issues. The Alliance provides a forum in which all points-of-view can be discussed.

Deborah Harris, Administrator
NTA-Cincinnati
Coalition of Black Envoys
Voice: 513/791-8330

NTA Houston Chapter 1998 Student Technical Symposium Held

On May 12, 1998, the NTA Houston Chapter held its Annual Student Technical Symposium for Elementary, Middle, High School, and College Students. The Symposium was held at the George R. Brown Convention Center in downtown Houston. The event was sponsored by the NTA Houston Chapter and the NASA Johnson Space Center.

Approximately 200 students and 100 technical professionals, teachers, parents and counselors

participated in the event. Immediately following the judging of the science projects, an Awards Luncheon was held. Ms. Wanda Hobbs, a motivational speaker and school counselor, was the keynote speaker.

Students were awarded place trophies in four divisions. All students received a participation plaque and a copy of the *Careers in Science and Technology* guidebook, published jointly by the NTA, NASA and the Department of Energy. First place winners in the junior and senior high division received an all expense paid trip to Space Camp in Huntsville, Alabama.

The NTA Houston Chapter has held this event for the last twelve years. A number of the students at the high school level have been consistent participants in the Symposium since their first entry at the middle school level. Significant levels of confidence, maturity and increased interest in science, math and related technical fields was demonstrated by these students. This year's symposium also experienced increased participation by elementary students, up by 35% from last year.

The NTA Houston Chapter is presently making plans for the 1999 Student Technical Symposium. The chapter is projecting that more than 400 students will participate in next year's symposium.



Houston Chapter President Katherine Coleman (L) and President-Elect Guy King (R) present award to 1st Place Middle School winner James Wigfall (Oak Village MS).



NATIONAL TECHNICAL ASSOCIATION CFC Agency Code #1648

The 1998 Combined Federal Campaign (CFC) is now underway. Through the CFC, Federal Employees can direct their tax deductible contributions to the NTA through payroll deductions. The Agency Code for NTA is **#1648**.

The CFC is the federal government's only authorized fundraising campaign for charitable organizations. When you receive your CFC pledge card, please select the NTA (agency code **#1648**). The NTA is listed as a member organization of the National Black United Federation of Charities.

Your tax deductible contributions provide much needed support for NTA's scientific and education-based missions. Your donations help fund NTA's national programs for excellence in engineering, mathematics, science and technology. Contributions also provide scholarships and enrichment programs for under-served minority youth pursuing science and technology career fields.

As the nation's oldest technical association of minority scientists and engineers, NTA remains pledged to insure that science and technology serve the needs of the minority community. Please assist the NTA by designating **#1648** as the recipient of your donations. Thank you!

National Technical Association (NTA)
6919 North 19th Street
Philadelphia, PA 19126-1506
(215) 549-5743
<http://www.huenet.com/nta>



President's Message

Garry A. Harris, NTA National President

Greeting from the national board of the NTA!!! I am excited about the opportunity to communicate to you some of the changes we are proposing to implement for the association. First let me congratulate our national conference planning committee on compiling and implementing a fine conference program. This year's program is poised to be one of the best ever. We have streamlined our format to bring to you the best conference schedule possible. We have listened to your comments and feedback from previous conferences, and have implemented significant changes. Our conference will kick off with our Classroom Visitation Day. This annual event represents a good opportunity to exceed our mission basic goal of "Go out and inspire". I would invite you to review the enclosed conference program and make a commitment to attend. Besides the conference, we are making other significant changes to the organization. First, we have proposed to reduce the number of regions from 10 to 4. Reducing the number of regions will allow for increased communication, more efficient operations, and effective nationwide coverage.

Further, we are proposing to reduce the number of individuals needed to start a chapter from 7 to 3. This will be the cornerstone of our "50 chapters in 500 days" chapter development initiative.

Moreover, to resolve our long term funding problems, we have created the position of Funding Research Specialist. This individual will be responsible for direct and continued solicitation of funds necessary to sustain and expand our national operations.

The creation of an Advisory Board for the organization is taking shape. This board will consist of corporate senior managers and government officials, as well as the participation by past national presidents.

Many other changes are being planned. It is hoped that these changes will bring about significant change to the organization as we continue our quest to be the premier technical organization in the country.

See you at the conference!

70th NTA CONFERENCE TENTATIVE SCHEDULE OUTLINE

Hyatt Regency Crystal City, 2799 Jefferson Davis Highway, Arlington VA

FRIDAY, NOVEMBER 20, 1998

8:30 a.m. - 12:30 p.m.

Local Classrooms Visitation Day by Conference
Scientists/Engineers/Educators

9:00 a.m.

Job Fair Setup - Sponsors and Exhibitors

10:00 a.m. - 3:00 p.m. - NTA Auxiliary Meeting

10:30 a.m. - noon

Undergraduate Students Seminars: How to Make
Effective Technical Presentations
- Professional Feedback & Evaluations

12:45 p.m. - 1:00 p.m.

Job Fair Ribbon Cutting Ceremony

1:00 p.m. - 6:00 p.m.

Job Fair Visitation

1:30 p.m. - 3:00 p.m.

College Student Technical Papers I

3:15 p.m. - 5:00 p.m.

Professional Technical Papers I
Professional Chapter Development Workshop

3:00 p.m. - 5:00 p.m.

Multimedia Learning System for Educators: Integration of
Basic Math & Algebra - Proven Classroom Techniques
Guaranteed to Raise Achievement Levels
Presenter: **Dr. Freddie Frazier**, Professor, Engineering/
Mathematics, Prairie View A&M University

5:30 p.m. - 7:00 p.m.

VIP RECEPTION-Community Leaders, Sponsors &
Exhibitors

7:00 p.m. - 8:00 p.m.

Official Opening Ceremony--Charles S. Duke
Distinguished Lecture

Mrs. Helen T. McCoy, Asst. Secretary of the Army
(Financial Management and Comptroller)

Guest: **Ms. Toni Piper**, Senior, Physics Major, Virginia
State University, NTA 1997 Student Technical Paper 1st
Place Winner (\$5,000), 3M Sponsor

9:00 p.m.

Night Out on Town with D.C. Chapter

SATURDAY, NOVEMBER 21, 1998

8:30 a.m.

Continental Breakfast at the Job Fair

8:30 a.m. - 4:30 p.m.

Job Fair Visitation

9:00 a.m. - 10:00 a.m.

Professional Technical Papers II

9:00 a.m. - 11:15 a.m.

Professional/Personal Development Seminar I
Web Page Design, **Ms. Dora Maria Abreu**, Lucent
Technologies
Professional/Personal Development Seminar II
Microsoft Demo: Small Business Applications and
Office Products

10:00 a.m. - 3:00 p.m. -NTA Auxiliary Meeting

10:15 a.m. - 11:15 p.m.

College Student Technical Papers II
High School Student Technical Papers I

11:30 a.m. - 1:30 p.m.

Engineering Deans' Luncheon Featuring the Eminent
Scientists Panel

1:30 p.m. - 2:30 p.m.

High School Student Technical Papers II

1:30 p.m. - 3:45 p.m.

Professional/Personal Development Seminar III
Your Career and You - For Professionals and College
Students

Mr. James Foster, Lucent Technologies
Professional/Personal Development Seminar IV
TBA or Repeat of I or II

2:45 p.m. - 3:45 p.m.

Professional Technical Papers III

4:00 p.m. - 5:30 p.m.

NTA Business Meeting

6:30 p.m. - 10:00 p.m.

Top Women in Science Reception & Dinner

6:30 p.m. - 7:00 p.m. - Reception

7:00 p.m. - 8:30 p.m. - Dinner

8:30 p.m. - 10:00 p.m. - Program

PROPOSED NTA CONSTITUTION AND BYLAWS CHANGES

NATIONAL TECHNICAL ASSOCIATION CONSTITUTION

ARTICLE IV OFFICERS AND DIRECTORS AND STAFF

Change #1

Current Version:

Section 1. The Officers of the Organization shall be President, President-Elect, Secretary, Treasurer, Immediate Past-President, ten (10) Regional Directors and a Student Director. These officers shall constitute the Board of Directors, which shall be the governing body of the Organization.

Proposed Revision:

Section 1. The Officers of the Organization shall be President, President-Elect, Secretary, Treasurer, Immediate Past-President, and Regional Directors. These officers shall constitute the Board of Directors, which shall be the governing body of the Organization.

Change #2

Current Version:

Section 2. At the first meeting of the Board, the Board shall select an Executive Director, a Librarian/Historian, an Editor of the NTA JOURNAL, and a Registered Agent for a term of one (1) year, served concurrently with the Board. These selectees shall serve as ex-officio, non-voting members of the Board.

Proposed Revision:

Section 2. At the first meeting of the Board, the Board shall select an Executive Director, a Librarian/Historian, an Editor of the NTA JOURNAL, and a Registered Agent for a term of one (1) year, served concurrently with the Board. The Board, at its discretion, may also select a Student Director for a term of one (1) year, served concurrently with the Board. These selectees shall serve as ex-officio, non-voting members of the Board.

ARTICLE V MANNER, ELECTION, AND TERM OF OFFICE

Change #3

Current Version:

Section 2. Each year two (2) nominees of each Regional Director's position shall be submitted to the Nominating Committee by a caucus of the Chapter Delegates from that Region at the National Conference.

Proposed Revision:

Section 2. Each year a Regional Nominating Committee shall be selected for each Region composed of at least two (2) Members of the Organization chosen by Chapter Delegates of that Region at the National Conference. No Member shall have their name placed in nomination without their consent.

Change #4

Current Version:

Section 3. Each year two (2) nominees for Student Director shall be submitted to the Nominating Committee by a caucus of the Branch Delegates at the National Conference.

Proposed Revision:

Section 3. This section shall be deleted.

Change #5**Current Version:**

Section 6. Each term of all Officers shall begin October 1st and end September 30th of the following year. The term of office shall be two (2) years for the President, Secretary, and Treasurer, and one (1) year for Regional Directors.

Proposed Revision:

Section 6. Each term of all Officers shall begin October 1st and end September 30th of the following year. The term of office shall be two (2) years for the President, Secretary, and Treasurer, and one (1) year for Regional Directors, President-Elect, and the Immediate Past President.

Change #6**Current Version:**

Section 6A. The President-Elect is elected for one (1) term only and succeeds to the office of President and Immediate Past-President in succeeding years. The Secretary and Treasurer may be elected for a maximum of two (2) consecutive terms to the same office, and each Director a maximum of three (3) consecutive terms as the representative for the same region.

Proposed Revision:

Section 6A. The President-Elect is elected for one (1) term only and succeeds to the office of President and Immediate Past-President in succeeding years. The Secretary and Treasurer may be elected for a maximum of two (2) consecutive terms to the same office, and each Director shall not have a limit to the consecutive terms as the representative for the same region.

ARTICLE VII MEETINGS**Change #7****Current Version:**

Section 1. The Board of Directors shall meet quarterly in November, February, May, and August. The times may be adjusted by a majority vote of all Board members. Any issue not resolved in a Board of Directors meeting after two (2) attempts shall be submitted to the membership for resolution by mail ballot. Seven (7) Officers constitute a quorum.

Proposed Revision:

Section 1. The Board of Directors shall meet quarterly in November, February, May, and August. The times may be adjusted by a majority vote of all Board members. Any issue not resolved in a Board of Directors meeting after two (2) attempts shall be submitted to the membership for resolution by mail ballot. The number of officers that constitute a quorum shall be equal to one half (rounded up the nearest whole number) of the number of officer positions that are not vacant.

ARTICLE VIII CHAPTERS AND BRANCHES**Change #8****Current Version:**

Section 1. Chapters and Branches of the Organization shall be established by the Board of Directors

upon receipt of a written request signed by seven (7) of the membership or seven (7) persons qualified for membership in the Organization. All Chapters and Branches shall execute and abide by the Articles of Affiliation for Chapters of The National Technical Association.

Proposed Revision:

Section 1. Chapters and Branches of the Organization shall be established by the Board of Directors upon receipt of a written request signed by three (3) of the membership or three (3) persons qualified for membership in the Organization. All Chapters and Branches shall execute and abide by the Articles of Affiliation for Chapters of The National Technical Association.

Change #9

Current Version:

Section 2. Chapters and Branches shall elect their own officers, including Chairperson, Vice-Chairperson, Secretary, Treasurer, and shall appoint a Membership Chairperson and Liaison to the Editor.

Proposed Revision:

Section 2. Chapters and Branches shall elect their own officers, including Chairperson, Vice-Chairperson, Secretary/Treasurer or a Secretary and Treasurer, and shall appoint a Membership Chairperson and Liaison to the Editor.

ARTICLE IX REGIONS

Change #10

Current Version:

Section 1. The Organization is divided into ten (10) Regions which shall be the same as the division of the United States and territories by zip codes as assigned by the U.S. Postal Service. Each Region shall be represented by a Regional Director elected only by the Members and Associates of the Chapter Affiliates residing in that Region.

Proposed Revision:

Section 1. The Organization is divided into a minimum of four (4) Regions as defined in the Bylaws. Each Region shall be represented by a Regional Director elected only by the Members and Associates of the Chapter Affiliates residing in that Region.

NATIONAL TECHNICAL ASSOCIATION BYLAWS

Change #11 (to be voted on by the Board of Directors)

Add SECTION 11:

11. The Organization is divided into four (4) regions, named Northeast (NE), Southeast (SE), Northwest (NW), and Southwest (SW).

The states included in the **NE Region** include: Connecticut, Delaware, Maine, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, and Vermont.

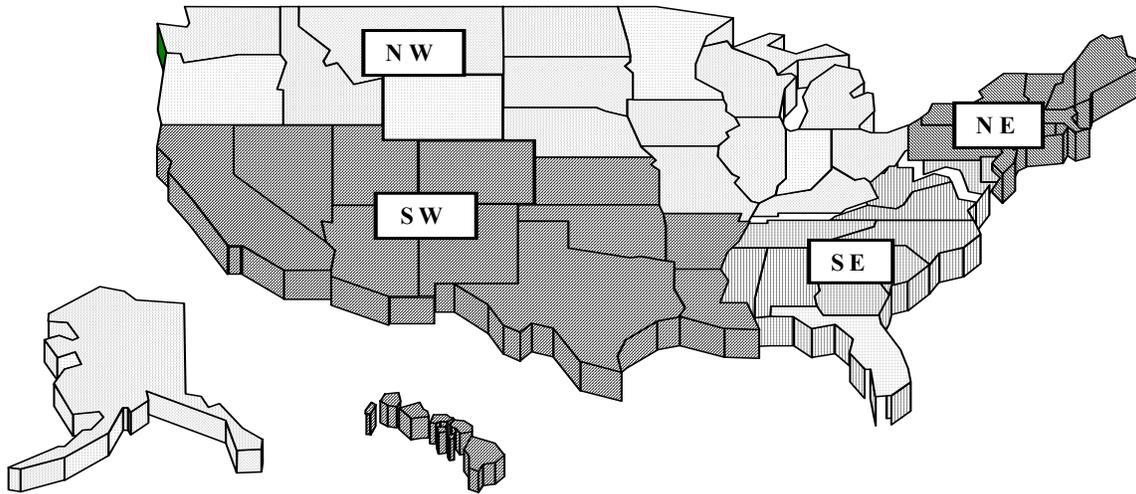
The states included in the **SE Region** include: Alabama, District of Columbia, Florida, Georgia, Maryland, Mississippi, North Carolina, South Carolina, Tennessee, Virginia, and West Virginia.

The states included in the **NW Region** include: Alaska, Idaho, Illinois, Indiana, Iowa, Kentucky, Michigan, Minnesota, Missouri, Montana, Nebraska, North Dakota, Ohio, Oregon, South Dakota, Washington, Wisconsin, and Wyoming.

The states included in the **SW Region** include: Arizona, Arkansas, California, Colorado, Hawaii, Kansas, Louisiana, Nevada, New Mexico, Oklahoma, Texas and Utah.

Proposed NTA Regions

10/8/98



NATIONAL TECHNICAL ASSOCIATION MEMBERSHIP BALLOT

You must be a paid Member of the NTA to vote on the proposed changes.

Please Return to: NTA Houston Chapter, ATTN: Mr. Guy King

P.O. Box 300453

Houston TX 77230

DEADLINE FOR RETURN OF BALLOTS: POSTMARK NO LATER THAN 10 NOVEMBER 1998

If your name and correct mailing address do not appear on the opposite side (mailing label), please provide (print) here.

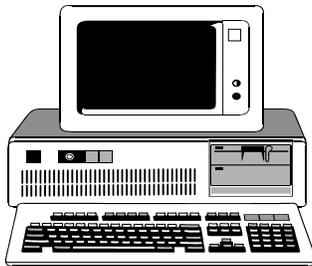
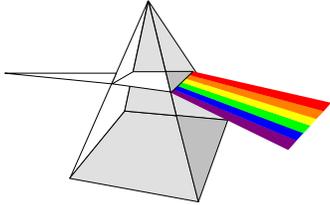
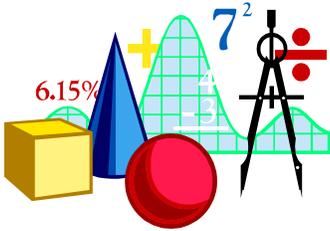
Signature:

Date:

BALLOT – Check Yes (Agree) or No (Disagree)

Changes	1	2	3	4	5	6	7	8	9	10
Yes										
No										

PLEASE SEND US YOUR NEWS!



We are hoping to enhance the frequency and timeliness of the National Technical Association (NTA) Newsletter. Please send news items you feel would be of interest to professionals, students, and educators involved in science/technology fields and/or of interest to the NTA Membership (ELECTRONIC SUBMISSION PREFERRED).

Please include with your submission your name, telephone number, email and snail mail address. Please also send an information copy of whatever you send us to your Chapter President and/or Regional Director.

In our attempt to be faster and cheaper, and eventually better, we will format the Newsletter in Microsoft Publisher 95. Therefore, submissions in MS Word 95 or Powerpoint 95 are preferred (although Word Perfect and .TXT submissions can be converted). Any photographs should be black and white in .JPG or .BMP format.

Please submit to EACH of the

following:

Dr. George Carruthers george.carruthers@nrl.navy.mil
(202) 767-2764

Dr. Jesse Bemley
jbemley@american.edu
(703) 681-9142

Dr. John Trimble
trimble@scs.howard.edu
(202) 806-4822

In This Issue...

Constitution and Bylaw Change Proposals - NTA Video - Dr. Whitlow's Appointment

National Technical Association
of Scientists and Engineers
6919 North 19th Street
Philadelphia, PA 19126

Mailing
Address
Goes
Here