PROFESSIONALISM THEME
OF 19th V.A.S. MEETING

The 19th Annual Meeting of the Virginia Association of Surveyors was held at the Convention Center, Williamsburg, Virginia from January 12th through January 14th, 1967.

The meeting based upon the theme of “Professionalism”, was opened by President John H. Bartenstein at 1:00 P.M., Thursday, January 12th.

Reports of the past years activities and progress were presented by the President, Secretary-Treasurer and Chapter Presidents.

A social hour honoring President Bartenstein was held Thursday night.

Friday, January 13th, saw the continuation of the business session and the annual report of the various committees. Of special importance among these reports were the following:

a) Obsolete Laws
   A compilation of all existing statutes relating to surveying within the Commonwealth of Virginia was completed by the Michie Law Publishers of Charlottesville. These laws are now in the process of being printed for submission into the “Standards of Practice for Professional Land Surveyors in the Commonwealth of Virginia”. From this digest a study will be made with recommendations forthcoming for an updated code.

b) Education
   It was reported that the Apprenticeship Training program is now in its fourth year and progressing at a satisfactory pace.

On the higher education level the future looks exceptionally bright. It is expected that by September of 1967, classes leading to an Associated Degree in Civil Engineering with special emphasis on surveying will start in the community colleges throughout the state. The curriculum for these

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T. RAY HASSELL
APPOINTED TO STATE BOARD

T. Ray Hassell III of Chesapeake, Virginia, was recently selected by Governor Mills E. Godwin, Jr. to hold an interim appointment on the Board for the Examination and Certification of Architects, Professional Engineers and Land Surveyors to fill the unexpired term of Frank D. Tarrell Jr., which expires on June 30, 1967. Tarrell, originally appointed to the Board by Governor Thomas B. Stanley in 1957, has served for the past 10 years.

Well known throughout the Tidewater Area, Ray Hassell is a partner in the Engineering and Surveying firms of Hassell & Folkes of Portsmouth, Virginia. Born in 1932 at Norfolk, Virginia, he attended Virginia Polytechnic Institute and William & Mary College. Certified as a surveyor in Virginia and North Carolina, Mr. Hassell brings with him many years of surveying experience.

A Director of the People's Bank of Chesapeake, Virginia, an officer of several land development and land holding corporations, Mr. Hassell is also a Director of the Chesapeake Chamber of Commerce.

In professional groups, Mr. Hassell has also been active—with memberships in the Virginia Association of Surveyors, American Congress on Surveying and Mapping and the Engineers Club of Hampton Roads.

Married and the father of 3 children, Ray Hassell and his wife, Mollie, reside at 206 Constance Drive, Great Bridge, Chesapeake, Virginia.
The Old Dominion Surveyor

"The Old Dominion Surveyor" is the official publication of the Virginia Association of Surveyors and is published quarterly for the membership and for the betterment of the surveying profession.

GEORGE F. COOK, JR., President
C. A. THORPE, JR., Editor

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President's Message

In opening, I would like to express my sincere thanks and appreciation for the support and cooperation received in these early months of my tenure as President.

First, I would like to express my congratulations to Mr. T. Ray Hassell, III who was recently appointed to fulfill the vacancy created by the resignation of Mr. Frank D. Tarrall, Jr. from the Surveyor Section of the Board for the Examination and Certification of Architects, Professional Engineers and Land Surveyors. Also my sincere thanks to Mr. Tarrall for his service to our profession while serving on the Board.

As of this writing, the majority of our committees have been appointed and have completed a considerable amount of work.

It affords me a great deal of pleasure to report that the curriculum for the 1967 fall term which will be offered at the Community Colleges will be announced in the very near future. And now, at long last, that formal education for the young men entering the Surveying Profession in the Commonwealth of Virginia is available.

In conjunction with our educational program, I might mention that the "Surveying Outlook" brochure which explains the career opportunities within the Surveying Profession in the Commonwealth will be ready for action at our forthcoming Board of Directors meetings.

Numerous accomplishments have been realized by V.A.S., however it is my sincere conviction that we are now at the crossroads where even greater deeds are of the utmost importance to our profession. With a continuous effort through education, public relations and publicity we can elevate our profession to the high pinnacle it so justly deserves. We must always consider our fellow professionals, working in harmony with all, following a strict ethical practice and above all never practicing beyond our limitations.

19th V.A.S. MEETING . . .

Continued from page 1

programs will be so designed as to allow transfer credit toward undergraduate work for a B.S. degree in Civil Engineering at the state universities.

Following the committee reports an informative talk was presented by Mr. J. Sprigg DuVall, Assistant Vice President of the Victor O. Schinnerer & Co., Inc. on the subject of "Professional Liability Insurance". Mr. DuVall discussed various types of claims and adjustments arising from errors and omissions by Engineers, Architects and Land Surveyors. One point of special interest presented was the fact that a very large percentage of claims against professionals arise when legal action is initiated by the professional to collect an overdue account. As a result the parting thought, be ever so careful when accepting a new client.

A panel discussion of surveying practices and procedures as carried forth by surveyors within the State was then presented by the Chapter Presidents of V.A.S.

The next item was a most interesting speech presented by Mr. John M. Dickerman, National Housing Consultant of Washington, D.C., who spoke on a topic of utmost importance to all, that being "Tight Money, Cause, Effect and Solution".

Mr. Dickerman stated that the main causes of "Tight Money" were as follows:

a) High domestic spending by the Government.

b) High rate of business activities, thus creating need for huge borrowing. These businesses being in a position to pay higher interest rates.

c) War in Vietnam.

d) Certificates of Deposits paying high rates of interest, set off depositor rate war which drained from Savings and Loan Associations and Mutual Savings Banks. Also a high demand for low interest rate loans against insurance policies, thus depleting the prime sources of mortgage money.

The effects of the above naturally caused a tremendous drop in housing starts.

We were advised to expect a slow first half for 1967 with a gradual increase in money supply, however it is anticipated that the 1965 volume will not return until 1968 at the best.

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19th V.A.S. MEETING...

Continued from page 2

Saturday morning saw the annual Exhibitors and Manufacturers Round Table discussions which were moderated by Clifford A. Thorpe, Jr. During this period the latest methods, equipment and techniques were discussed.

At the noon luncheon we were honored by the presence of Mr. Earle J. Fennell, President of the American Congress on Surveying and Mapping, who delivered the keynote address.

Mr. Fennell's topic was "Increasing Responsibilities for Tomorrow's Surveyor".

"The growth of our country and its position of leadership in world affairs has placed a heavier load of responsibility on the various professions. Many new responsibilities should be accepted by the surveyor—such fields as land planning and urban development. The increasing value of land makes complete and accurate surveying more and more important, and expands the surveyor's traditional field of activity. Tomorrow's surveyor must be fully prepared, educated and dedicated to his chosen profession to accept these responsibilities."

Following Mr. Fennell's speech the business session was concluded along with outlines of the coming year's activities.

On Saturday afternoon the ladies and children were guests of the U.S. Navy and Captain W. J. Moran for a tour of the aircraft carrier USS RANDOLPH, CVS-15, berthed at the Norfolk Navy Yard.

The meeting was climaxed by the Annual Banquet at 7:30 P.M. Saturday.

Mr. Clifford A. Thorpe, Jr. upon the request of President Bartenstein made a presentation of the V.A.S. Certificate of Recognition to Mr. Herman L. Courson.

The State and Chapter officers were then installed for the ensuing year.

The incoming President, Mr. George F. Cook, Jr. then presented a plaque to Mr. John H. Bartenstein in honor of the completion of a most successful year as President of the Virginia Association of Surveyors.

The Banquet was followed by the Annual Ball with music furnished by Jap Curry's Blazers, a 12 piece band which took the audience back a few years with their "Dixieland Style."

George Washington, first official surveyor of Culpeper County, Virginia, had ample reason to be confused about his twentieth birthday. He'd lost a year somewhere. He was born of course, on February 11, 1731, and—How's that? Every schoolboy knows, or should know, that the Father of His Country was born February 22, 1732. Well, it depends on which calendar you use: Julian, otherwise known as Old Style (OS); or Gregorian, otherwise known as New Style (NS). George Washington was born Old Style, on February 11, 1731. England and the British colonies were still setting their calendars by the system worked out under Julius Caesar in 46 B.C. Much of the rest of the world had long since gone Gregorian, in the style ordained by Pope Gregory XIII, 1582 A.D. The Julian calendar, based on a year of 365 days and 6 hours was a bit out of kilter with the sun; enough so that by Washington's time the Englishmen and their colonists were 11 days out of line with the continent. Parliament finally acted in 1750, when George was 19 years old; and the 1751 adjustment to New Style involved some interesting juggling to make things come out even. The Julian year had started on March 25. Now, at one bold stroke, the English made New Year's Day out of January 1, calling the new year 1752, and dropped the last 83 days out of 1751. So George Washington, 19 years old in 1750, had no birthday in 1751 at all. He became 20 on February 11, 1752 new style. But that wasn't the end of it. The first day of spring—the vernal equinox—had been figured for March 21 since back in the 8th Century—and had fallen behind by 11 days under the Julian calendar. To get this in line the New Stylers borrowed 11 days from September 1752 (the day after September 2, was the 14th), and added them to February the next year. Result: George Washington celebrated his twenty-first birthday on February 22, 1753. And there we are, back to what every schoolboy should know.

THE KANSAS SURVEYOR, February 1967

VAS "First Family" President and Mrs. Geo. F. Cook are shown with their three children, George 10, Laura 15, Marilyn 12.

Three
EASTERN MASSACHUSETTS
ADOPTS FEE AND WAGE SCHEDULE

With due respect and responsibility to the public and in
compliance with the Eastern Massachusetts Association of
Professional Engineers and Land Surveyors, Inc. adoption
of the American Congress on Surveying and Mapping recom-
mandation to establish a MINIMUM FEE SCHEDULE in
the interest of encouraging the highest standards of profes-
sional practice and accomplishing closer association of
the professional engineering and land surveying members on
the local level, the following MINIMUM FEE SCHEDULE
has been adopted and included as part of the constitution

MINIMUM FEES

I
Office Work

Per Hour
Principal Engineer $12.50
Associate Engineer 10.00
Professional Consultant 12.50
Computation 10.00
Engineering Design, Specifications, etc. 10.00
Research (Registry of Deeds, Town Records, etc.) 8.00
Legal Description 10.00
Drafting & Note Reduction 8.00
Computer (Machine & Calculating Time) To Be Negotiated

II
Field Work

Per Diem
2 man Field Party 112.00
3 man Field Party 148.00
4 Man Field Party 189.00
Electronic Measuring Party To Be Negotiated

III
Litigation

Per Diem
Court Appearance 100.00
Plus Expenses

RECOMMENDED WAGE SCHEDULE

Per Hour
Chief Surveyor, shall be registered $5.00
Senior Chief of Party, shall be registered 4.00
Junior Chief of Party, professional 3.50
Senior Instrument Man, schooling required 3.00
Junior Instrument Man 2.50
Senior Rodman 2.25
Junior Rodman 2.00
Field or Office Supervisor, shall be registered 5.00
Chief Computer, professional 3.00
Computer—Draftsman, professional 3.00
Senior Draftsman, schooling required 3.00
Junior Draftsman 2.50

PROPERTY SURVEYS DIVISION
CHANGES NAME

After 20 years the Board of Directors of ACSM at the
27th annual meeting directed that the Property Surveys
Division change the name of its Division to Land Surveys
Division.

Following extensive discussion on some of the present day
problems of surveying, several studies were presented to the
ACSM Board for consideration and adoption among which
were—a Proposed Model Registration Law, a Proposed
Model Plat Law, and a Proposed Terminology Manual. This
manual is expected to take some 4 years to complete and
upon completion will attempt to have standardized all prop-
erty surveys, definitions and terms.

The convening of a National Council for Surveyors, to
assist the newly named Land Surveys Division, was also
one of the most discussed topics. Extensive discussion on
just what accomplishments this could do to assist surveying
and to further and increase its professional activities brought
some 25 affiliate and section members out to take part in
this important meeting.

Mr. George Cook, President of V.A.S., Merlin F. Mc-
Laughlin, Mt. Vernon Chapter and Alfred H. Carter, South-
ern Chapter represented V.A.S. and expressed its views
during the discussion.

Victor H. Ghent, newly elected chairman of the National
Capitol Area Section, represented this new section of ACSM.

Past President John H. Bartenstein awards the “Cert-
tificate of Recognition” to Herman L. Courson for tire-
less efforts and devotion towards advancing the aims
and purposes of VAS, for outstanding service to the
surveying profession in the United States, and under
whose guidance and chairmanship the Standards of
Practice Manual came into publication.
The Richmond Chapter V.A.S. held its business meeting on March 17th at Indian Hills Restaurant with 14 members present. We had as our guest speaker Mr. H. M. Shaver, Assistant Location & Design Engineer, who spoke to us on the subject of Interstate Highways and their relationship to local surveyors.

Bob Blankenship presided over the business meeting in the absence of our President, Bob Downing, who is in the hospital. The subject of publicity was discussed and Bob Blankenship volunteered to be Publicity Chairman for the Chapter.

George Cook, our State President, gave a short talk outlining what the association has been doing since January. He also announced that Mr. T. Ray Hassell, III, of Chesapeake, Va., had been given an interim appointment to the State Board of Examiners.

President Cook went on to state that the pamphlet “What You Should Know About Surveying Your Land” is being modified and will be re-printed at a later date. He also stated that his goal, as far as membership is concerned is 100 new members in 1967—a goal which can be reached if all chapters do their part in this drive.

A special committee for Public Relations, at the state level, is working along several lines—releases to newspapers, some TV coverage, and special films depicting surveying and instrumentation. Mr. Cook also discusses a new brochure “Surveying Outlook” to be disseminated to all graduating seniors in the various high schools throughout the Commonwealth.

Paul Sharp discussed the subject of prices and fees for doing both surveying and engineering work and suggested that a committee be formed to give further study to this subject.

The Richmond Chapter now has 22 members.

The Mount Vernon Chapter of the Virginia Association of Surveyors held its annual dinner dance at the Country Club of Fairfax, Saturday night, March 4, 1967. Outgoing President Charles Shreve turned over his gavel to the new President, James D. Nealon, who, in turn, introduced the new officers for 1967—Richard W. Long, Vice President, well known Land Planner and Surveyor in the Fairfax area and George E. Foard, Secretary-Treasurer, who is a partner in the firm of Patton, Harris & Foard in Fairfax.

As a memento, James D. Nealon presented Charles Shreve with a gavel from the Association in appreciation of his outstanding service for the past year.

The Mount Vernon Chapter was organized in 1952 and consists of 71 members from the Washington Metropolitan area. The Chapter’s primary goals are to continually increase the status and standards of the profession of surveying, work towards improving the qualifications of those who aspire to become registered land surveyors, and to keep pace, not only with the increasing complexities found in the work, but also in the ever-increasing innovations and improvements of the computers and instruments used in the profession of surveying.

The secretary requested volunteers from Augusta and Louisa Counties to contact the local high schools and obtain information on “Career Night” and the possible distribution to the students of a brochure explaining the surveying profession. This information is to be passed on to the V.A.S. Public Relations Committee.

Mr. Roudabush informed the chapter that Mr. Sweet had contacted Charlottesville and Albemarle officials to request them to start recording plats in special plat books rather than with the deed as is presently done. After much discussion, the secretary made a motion later approved that the chapter go on record as approving this method if four conditions are carried out.

1. That permanent well constructed books be used.
2. That references to the plat book be given in the deed book.
3. Small number of plats per book be used (possibly a book for each year).
4. Allow plats to be recorded with the deeds in the deed book if so desired.

A general discussion regarding the possibility of opening the chapter membership on an affiliate basis to surveyor member employees, municipal employees or others interested in the surveying field, was held. The President appointed Mr. Roudabush to contact the Tidewater Chapter to find out exactly how and what they had done about a similar situation in their area.

At the conclusion of the business meeting, Mr. Pembroke Pettit, Commonwealth Attorney of Louisa County, gave a very interesting talk about his relationships and experiences with surveyors during his career.

The first meeting in 1967 of the Monticello Chapter, V.A.S. was held at 6:30 P.M., March 16th at the Monticello Hotel in Charlottesville, Virginia.

The members present were Jim Bell, Tom Blue, Bill Clark, W. A. Crawford, Bob Funk, Jerry Harris, Ken Hart and Bill Roudabush. Guests present were Hal Moeller, Ray Nicely, Pembroke Pettit and Ed Smith.

Minutes of the December meeting were read and approved, and the treasurer’s report given. Under old business no action was taken concerning the establishment of a standard base line in a U. Va. building, because Mr. Echols was not present to present the results of his discussions with U. Va. officials concerning this matter.
MARYLAND SURVEYORS TO MEET IN SEPTEMBER

The Maryland Society of Surveyors will hold its first annual convention in Ocean City, Maryland on September 14th through 16th, 1967.

Meeting at the famous Carousel Motel on the ocean, this convention promises to be one of great importance to all surveyors throughout the state.

Mr. Rodney L. Hanson, chairman of the convention committee is surrounding the details of the meeting in great secrecy as pertains to the special displays and events. He was, however, willing to disclose that the displays by manufacturers and dealers of surveying equipment will include some of the most modern items of equipment as well as the latest methods of computing and drafting.

In addition to meetings, dinners and cocktail parties, a golf tournament has been planned.

Mr. Hanson has extended through the convention committee an invitation to all members of V.A.S. to attend Maryland's first surveyors convention.

GHENT TO CHAIR NATIONAL CAPITAL AREA SECTION OF ACSM

Victor Hawkins Ghent was elected to the position of Chairman of the National Capital Area Section of ACSM and will serve in this capacity through December 1967.

Former Chairman Cyrus G. Finley, Jr. reported that in the sections first year of operation a total of 136 members were enrolled. Various meetings were held which provided a forum for persons in government and in private industry to meet and exchange views, thus allowing each member to grow in his profession.

The section is able to cross all division lines of ACSM and thus provide a local service not otherwise available.

Ghent plans to increase membership substantially during his term of office and believes that the section can have a potential membership of over 500.

Dues for membership will remain at $2.00 per year and those interested in joining the section should contact: Joseph P. Dunich, 2914 Burton Hill Drive, Kensington, Md. 20795.

V.A.S. CERTIFICATE DISPLAYED IN VIETNAM

In a letter to the Editor, Thomas R. Koval wrote as follows—“Guess you members will be glad to have a V.A.S. membership certificate hanging up here in Vietnam 15,000 miles from Virginia. Ken Hart sent me the certificate but forgot to attach the gold seal. Later on the Viet cong stole my suitcase as well as the certificate—so I will have to write for a new one.

I am doing site planning work and storm design—almost like stateside subdivision work except everything is in meters (this is really great to work with).

Have gathered lots of information on French China (Vietnam) surveying which should make an interesting topic to discuss at the '68 convention in Williamsburg.”

With kindest personal regards,
THOMAS KOVAL

ACSM-ASP MEETING SCHEDULED FOR 1968

Walter S. Dix, Executive Secretary of ACSM has established the official dates for the 28th annual meeting of ACSM to be March 10-15, 1968 at the Washington Hilton Hotel in Washington, D. C.
VAS Establishes Historical Headquarters in Virginia

Geo. F. Cooke, Jr., of V. A. S. and John H. Bartenstein, immediate Past President, on March 29th officially established the historical headquarters of the V.A.S. in the one time surveyor's office of George Washington.

The historic office is now a museum located at the southwestern edge of Winchester's business district and plans are to have surveyors either donate or loan instruments and publications which have a historical interest to the special display which V.A.S. will have in this museum.

Washington used this building as his headquarters while surveying the vast unsettled land holdings of Lord Thomas Fairfax. Although only 16 at the time, Washington began to map this vast tract which is now estimated to be approximately 5 million acres in the "Northern Neck" of Virginia. In 1750 George Washington surveyed what is now the famous Natural Bridge of Virginia. His initials, G. W., are carved on the bridge some 25 feet above Cedar Creek. These initials appear again with his surveyor's cross on a large stone located under the arch. This stone was used as a bench mark on the survey.

With such a historical background, Lee A. Ebert of Winchester conceived the idea for V.A.S. to adopt the office to house some of the historic items of surveying equipment that various members throughout the state might have in their possession. This suggested idea was discussed with John H. Bartenstein, who was at that time President, and a committee under the chairmanship of Mr. Ebert was established to investigate the matter.

Approval was obtained from the Winchester-Frederick County Historical Association which operates the city-owned building. In January of 1967 the V.A.S. Board of Directors approved the move and to also locate their Hall of Fame List of Surveyors in this historic building.

In this small office will now be found some of the old style instruments which were used to measure and divide land throughout the Commonwealth. This land measurement was, basically, Washington's purpose as he set out with his compass, Jacob's staff and link chain over 200 years ago.

VIRGINIA SURVEYOR'S EXAMINE HISTORIC INSTRUMENTS — Holding a surveyors compass equipped with sighting vanes and jacob staff, President Cook takes a bearing while Lee Ebert and Jack Bartenstein examine a link chain.
POSITIVE NEGATIVES

1. You cannot bring about prosperity by discouraging thrift.
2. You cannot strengthen the weak by weakening the strong.
4. You cannot help the poor by destroying the rich.
5. You cannot help the wage-earner by pulling down the wage payer.
6. You cannot keep out of trouble by spending more than your income.
7. You cannot further the brotherhood of man by inciting class hatred.
8. You cannot establish sound security on borrowed money.
9. You cannot build character and courage by taking away man's initiative and independence.
10. You cannot help men permanently by doing for them what they could and should do for themselves.

ABRAHAM LINCOLN

SOMETHING TO GNAW ON

"A leading TV comic is paid $10,000 for a ten-minute guest appearance. An outstanding brain surgeon averages $900 for a six-hour operation. A famous comic strip artist makes $150,000 a year. The salary of the most distinguished professor at Harvard is no more than $28,000. A world champion boxer fights with padded gloves makes 1 million in one year. An infantry PFC who fights with live ammunition gets $2014 a year. A youngster who writes rock 'n' roll tunes took in $500,000 last year. The man who wrote the lyrics for our National Anthem didn't get ten cents for them.

"A football rookie who has yet to play a pro game signed a contract for $500,000. Our leading astronauts who have clocked the most time in space get $15,886 a year. As Plato said more than 2300 years ago, 'What is honored in the country is cultivated there.' Are you content with whom we 'honor' in our country?"

Newsweek Magazine

USS RANDOLPH CVS-15

Wives of V.A.S members tour the USS Randolph CVS-15, in Norfolk Navy Yard, as guests of Captain W. J. Moran, U.S.N.

V.A.S. REPRESENTED AT NORTH CAROLINA CONVENTION

President George F. Cook, Jr., and J. Walter Jones, Jr., member of the Virginia State Board for the Examination of Architects, Professional Engineers and Land Surveyors, attended the Fourth Annual Convention of the North Carolina Society of Surveyors held in Raleigh on February 17th and 18th.

Mr. Joseph E. Hardee of Greensboro who is a member of V.A.S. was installed as President for his second term.

NOTE . . .

As an aid to Chapter Relations Officers and the general membership, the following will be the deadline dates for the next three issues of THE OLD DOMINION SURVEYOR: