



The Grapevine



N e w s l e t t e r

December 16, 1991

FOR CULTURAL RESOURCES MANAGEMENT

Vol 1:2

TO OUR READERS...

Welcome to the second issue of the *Grapevine*. For those of you who are receiving your first copy, let us explain that this newsletter is designed especially for cultural resources management. Through this newsletter, we hope to establish a network of information sharing that will benefit everyone involved in cultural resources management. Its success depends upon your active participation.

The response to the first issue was very positive. So far we have subscribers from 14 states, including Arkansas, California, Colorado, Florida, Georgia, Kentucky, New York, Nebraska, New Jersey, New Mexico, Ohio, South Carolina, Tennessee, and Utah. Numerous governmental agencies have provided valuable information which we have passed on. Individuals and contractors have offered constructive suggestions to improve the newsletter. These recommendations are addressed later in the "Editor's Corner" and "Dialogue" sections.

Note to current subscribers: The second issue of the newsletter is complimentary to an expanded circulation, all subscriptions will start in January 1992.

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GOVERNMENTAL NEWS

We have had a great response to this section of the newsletter. We wish to thank federal and state agencies that have graciously submitted contributions.

Connecticut

State Archaeology Library

The Office of State Archaeology at The University of Connecticut and The Connecticut State Historic Preservation Office have jointly established an archaeological resource library. Located at the Office of State Archaeology, the library includes a diverse range of site reports, government publications, monographs, journals and newsletters on eastern North American archaeology.

The collection includes:

Newsletters

- the Archaeological Conservancy
- the Archaeological Society of Connecticut
- the American Indian Archaeological Institute (*Artifacts*)
- the Society for American Archaeology
- the National Park Service (*Federal Archaeological Reports and Archaeological Assistance Program Technical Briefs*)
- the Rhode Island Archaeological Council
- the Society for Industrial Archaeology - New England Chapters

Periodicals:

- *American Antiquity*
- *American Archaeology*
- *CRM Bulletin* (National Park Service)
- *Man in the Northeast*
- *Pennsylvania Archaeologist*

Additionally, the State Archaeological Library includes an extensive collection of federal and state archaeological reports and management plans, cultural resource management reports, the Delaware Department of Transportation Archaeological Series, the U.S. Army Corps of Engineers Environmental Impact Research Program studies, and the Dolores Archaeological Program reports.

Inquires concerning future donations or requests for detailed information concerning the collection and its availability should be addressed to the Office of State Archaeologist, Connecticut Museum of Natural History, UCONN, U-23, Storrs, CT 06268.

Information taken from "Digging In: News from the Office of State Archaeology & the CT Historical Commission."

Florida

Florida Archaeological Council

The Florida Archaeological Council, Inc., is an association of professional archaeologists working in Florida. The organization meets biannually to discuss problems confronting archaeologists in Florida. As part of the organization's efforts to reward private citizens who have made significant contributions to archaeological preservation and education, eight individuals were recently honored as "Stewards of Heritage".

The Council also has devised "An Action Plan for Archaeology in the 1990's". The plan is a result of a two-day conference where archaeologists from around the state gathered to discuss the future of the discipline and the resource. A clear agenda has been developed by the council to aid in addressing the major issues/problems facing Florida Archaeology in the 1990's.

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Kentucky

Lithics Workshop

The University of Kentucky, College of Arts and Sciences and the Graduate School, in conjunction with the Kentucky Heritage Council, hosted a conference and workshop on Lithic Technology December 5 through 9, 1991. The workshop, conducted by Terry Ozburn, Jeff Flenniken, and Ken Hirth, offered intensive hands-on instruction in biface reduction and debitage analysis. The conference focused on a discussion and application of how technological analysis can be more broadly implemented in regional archaeological research. Presented papers included topics on refitting, experimental archaeology, ethnoarchaeology, plowzone sites, craft specialization, principles of heat treatment, lithic quarries, and microwear studies.



FORT KNOX MILL STUDY

Donald B. Ball, M.A., SOPA

U.S. Army Corps of Engineers
Louisville, Kentucky

5 December 1991

The Louisville District of the U.S. Army Corps of Engineers, in cooperation with (and funding provided by) the U.S. Army Armor Center and Fort Knox, has recently concluded administration of a contract for the preparation of a formal history of four 19th century hydropower industrial facilities located on or near Otter Creek, a tributary to the Ohio River situated in north-central Kentucky. The final report, entitled *Historical Report of Four Mill Sites on the Fort Knox Military Reservation, Mead County, Kentucky* (dated May 1991) by Mr. James J. Holmberg (Archivist, the Filson Club, Louisville, Kentucky), synthesizes available historical information on these work-a-day sites as extracted from land transfer records, manufacturer's census data, and other appropriate sources.

Mr. Holmberg's detailed study, in concert with an extended technical appendix prepared by Donald B. Ball, has generated a body of data useful for assessing the historical, technological, and contextual backgrounds of these industrial ruins. The northernmost of these sites is the Overton-Sterrett Mill built in 1816 (closed ca. 1890) and thought to have functioned as one aspect of a larger farm complex. Extant foundation remnants and area topography

suggest that this mill was powered by an overshot wheel and operated on a seasonal basis. Upstream and south of this facility was the community of Grahamton (locally pronounced as Gray-hamp-ton), the site of the two mills owned by Robert Graham and Company. The earliest mill in this company town was a textile mill (one of the first in Kentucky) built in 1835-1837 and operated until 1941. Nearby was an associated flour and grist mill built in 1868 which functioned until the 1890's. Both mills were apparently powered by turbine units operated year around.

The southernmost mill was Garnett's Mill (built ca. 1804-1806); the smallest of the subject facilities and the nucleus of the community of Garnettsville. The mill functioned until ca. 1890-1900 and was likely powered by a breastshot wheel on a seasonal basis. Nearby are the ruins of a structure thought to represent a primitive "groundhog" lime kiln.

Dependent upon the availability of funds, it is the intention of the Department of the Army to assess these sites (and the associated townsites of Grahamton and Garnettsville) for eligibility for inclusion in the National Register of Historical Places. To facilitate this evaluation, detailed comparative information on previous regional mill and community investigations has been compiled and a systematic testing program has already been developed and approved by the Kentucky State Historic Preservation Officer.

An integral aspect of the proposed testing and evaluation program is the clear articulation of realistic archaeological expectations for mill sites and houselots alike. Significantly, a review of regional literature has revealed few major archaeological contributions to mill studies. Although space prohibits extended discussion of this situation, it is sufficient to observe that mills were obviously capital intensive facilities even during the 19th century and a miller going out of business had little to gain by allowing equipment to deteriorate. Historical studies of regional mills provide abundant evidence of the sale or outright scrapping of mill equipment both to recover a portion of a sizable investment and to free available floor space for more mundane storage functions. Further, the practice of discarding broken or obsolete remnants of mill equipment in the otherwise seldom used basement area of the mill structure has had a tendency to further obscure the ability of archaeologists to produce diachronic reconstructions of the specific types of equipment used in a given mill at a given point of time.

Printed in limited quantity, copies of this study are not available for general distribution. Persons seeking additional information on these mills should

contact Messrs. Donald B. Ball or Charles E. Parrish (Historian) of the Louisville District at (505)582-5096/6475.

Ohio

Ohio Archaeological Conference

During the November meeting of the Ohio Archeological Council, the organization of a new State Conference on Ohio Archaeology was discussed. Coordinated by Robert Genheimer, education committee chairperson, the first conference is tentatively scheduled for November 1992 in Columbus. "The First Discoverers in America" will be the topic of this conference to recognize the quincentennial of Columbus' discovery of America.

Maryland

Maryland Guidelines

The Maryland Historic Trust, Division of Archeology, has a new artifact curation facility at the old Hall of Records building in Annapolis. This facility is accepting new collections under the recent interim minimum curation standards. These standards include artifact processing, packaging materials, collection documentation, inspection, and shipping/transmittal information. All new collections must meet these minimum standards prior to acceptance. Copies of the interim minimum standards are available upon request. For further information contact the MHT Archaeological Research Services Manager, Ronald G. Orr, at (301)514-7671 or (301)974-2608.

West Virginia

Guidelines for Cultural Resource Surveys, Evaluations, Mitigations and Reports

The Historic Preservation Unit (HPU) of the West Virginia Division of Culture and History has developed a set of revised guidelines for cultural resource consultants who work in the state. The guidelines were developed with three goals in mind: (1) to ensure some degree of uniformity in methods, techniques and reporting; (2) to improve communication between HPU staff and consultants through an increase in consultation at various points in the review and

compliance process; and (3) to ensure adequate documentation of cultural resource endeavors. It was decided from the beginning that the guidelines would set minimal standards and maintain flexibility. HPU staff did not want to be "armchair" field directors, micromanaging cultural resource investigations from their offices in Charleston. With these new guidelines in place, and with a greater "hands-on" approach by the HPU staff through an increase in consultation and monitoring, it is hoped that consultants and their clients will have full knowledge of the review and compliance process and that if the guidelines are followed then a project will be reviewed expeditiously. A brief description of the guidelines is presented below.

Phase I

Perhaps the most significant change at this level of investigation is that Phase I surveys will include identification and documentation of archaeological and historical resources. Background research must include not only a review of the archaeological site files at HPU, but also must include examination of appropriate historical documents (e.g., plat maps, court records and historical atlases).

Fieldwork at this level includes pedestrian survey, the excavation of shovel test pits, and deep testing of certain landforms. When surface visibility is less than 75 percent, then shovel tests must be placed at 10-15m intervals; this interval should be collapsed around positive shovel tests. Representative shovel test profiles and backhoe profiles (if applicable) must also be included. An historic inventory form must be filled out for all structures in and adjacent to project areas. This includes photographing and documenting all outbuildings. A level of artifact analysis that will allow assessment of site potential and integrity must be carried out; a complete artifact inventory must also be included. Finally, individual site maps must include the location of shovel tests, transects walked/collected, and the location of any relevant surface or subsurface features. Reports should include an estimated artifact density and a thorough discussion of site integrity (e.g., land-use history, current landscape, and ground cover). Reports must also follow a detailed format, be on acid free paper, and have either original or half-tone quality photographs. Site forms also must be complete and on acid free paper; site numbers can be obtained by calling the HPU.

Phase II

There are really no major changes in the guidelines for this level of investigation, other than that the revised guidelines require closer consultation with HPU staff on scopes of work. Fieldwork usually will include additional shovel tests, controlled surface collections, hand-excavated units, and deep testing. In addition, when subsurface cultural features are encountered, it is expected that a systematic sampling strategy will be employed to obtain wood charcoal samples for dating purposes and flotation samples. For historic sites and structures, a complete documentary search including chain of title, court records, etc., will be required. Final reports must be on acid free paper and original or half-tone quality photographs must be included.

Phase III

As cultural resources are best viewed as unique entities, and as each resource will present unique challenges, it was decided that the development of extensive guidelines would not be a useful enterprise. Instead, the HPU staff believe that consultants, sponsors, and HPU staff should work in consultation on Phase III investigations. Phase III work can include data recovery, HABS/HAER documentation, oral history studies, and lifeways studies. Report guidelines are detailed, as the Phase III report usually will be the only record of the resource. Final reports must be on acid free paper and original or half-tone quality photographs must be included.

The HPU staff also believe that avoidance and preservation can be viable options at any stage of the review process.

Two other points need to be addressed briefly. First, draft curation guidelines will be ready by the end of the calendar year. Second, I would like to make everyone aware of the West Virginia human burial and cultural resource protection act (W.Va. Code 29-1-6) that protects cemeteries, gravemarkers, unmarked graves, and historic and prehistoric sites. The law specifies actions to take when unmarked graves are encountered; these include contacting the county sheriff and the West Virginia SHPO.

Copies of the guidelines and the code (as well as its legislative rules promulgated by the West Virginia

REMINDER

The North Carolina SHPO's Office will be conducting a Section 106 workshop March 23-24, 1992. For information contact Steve Claggett, state archaeologist, at (919)733-7342.

Division of Culture and History) can be obtained by writing to:

Eric E. Voigt
Historic Preservation Unit
The Cultural Center
Capitol Complex
Charleston
WV 25305

CONFERENCE/WORKSHOP NEWS

Upcoming conferences

The 1992 Historical and Underwater Archaeology conference will be held January 8-12, 1992 at the Pegasus and Wyndham Hotels in New Kingston, Kingston, Jamaica. For information, contact Douglas Armstrong, PhD., Anthropology Department, 308 Bowne Hall, Syracuse University, Syracuse, NY 13244-1200.

As an added note, the proposed African-American Cross Cultural Workshop will take place during the SHA conference. The workshop will be held on January 8 (Wednesday evening) from 7:30 to 9:00. The discussants (there will be no formal papers) include Merrick Posnansky (Africa), Carrel Cowan-Ricks (U.S.A.), Jeanne Howson (Caribbean), Ann Stahl (Africa), and Tom Wheaton (U.S.A., the workshop coordinator).



The 1992 Middle Atlantic Archeology Conference will be held March 27-29 at the Sheraton-Fontainebleau Inn and Spa, Ocean City, Maryland. For further information contact the program chair, Charles W. McNett, Jr., Department of Anthropology, The American University, Washington, D.C., 20016. ☎ (202)885-1839



The Florida Anthropological Society annual conference will be held March 26-28 in St. Augustine. For information contact Charles Tingley, St. Augustine Archaeological Association, PO Box 1987, St. Augustine, FL 32085.

Conference/Workshop Reviews

On December 10, 1991, the Ohio Department of Natural Resources (ODNR) Division of Reclamation (DOR) sponsored a one-day educational forum on underground mining operations and subsidence, and their potential adverse effects to significant historic properties. The forum, held in Zanesville, was well attended with equal representation from the mining industry and the preservation community.

The purpose of the forum was to provide an avenue for discussion of underground mining operations and archaeology between mining industry representatives and the preservation community. The goal of the forum is to use this information (which was video-taped) to assist the Division in revising its policy procedure directive on underground mining operations and the protection of significant historic properties.

The morning session focused on presentations concerning underground operations and subsidence and their effects on surface structures. The afternoon session included mining industry, State Historic Preservation Office, and Ohio Archaeological Council speakers, as well as a panel discussion, on proposing reasonable solutions to this complex national issue. The end result was a breakdown of stereotypes replaced with cautious cooperation.

The success of the forum is evident by the fact that both the mining industry and preservation community requested a follow-up forum. DOR will notify interested parties as soon as details on the forum has been worked out in-house. If you have any questions on the December 10, 1991, educational forum, please contact Jeffrey C. Reichwein, Ph.D, archeologist, ODNR DOR, Fountain Square, Bldg. H-3, Columbus, Ohio 43224, telephone (614)265-6633.

REQUEST FOR INFORMATION

Individual requests for information on special research topics or searches for rare, out of print, or unpublished documents, may advertise for a nominal monthly fee. Responses to requests can be directed to the individual placing the request or to our office.

Historic Cemeteries and Indian Mounds: From the settlement period to the mid-nineteenth-century citizens of the Ohio valley sometimes chose to bury their dead in the vicinity of conical shaped Indian mounds, around the base or even in the mound itself. Kevin Pape and Elisabeth Tuttle of Gray & Pape, Inc., are conducting a study of these associations and are interested in adding

to their research sample by identifying such coincident locations in the Eastern United States. If you know of the locations of these types of sites please forward the information to Elisabeth Tuttle, Gray & Pape, Inc., 1318 Main Street, Cincinnati, Ohio, 45210.



EDITOR'S CORNER

In response to the questionnaire in the last newsletter, The Grapevine received numerous suggestions for additions to the newsletter. Wherever possible these topics have been addressed. Several suggestions focus on exchanges of information which prompted us to include a "Dialogue" section of the Grapevine. This section hopefully will establish a forum for the exchange of ideas and knowledge. Anyone wishing to participate in this forum by addressing any of the topics need only submit their thoughts in writing by the 10th of each month.

Furthermore, in response to numerous requests for a wider range of regional news and topical information, the staff of the Grapevine is striving to ever widen the geographic scope of articles and information included in the newsletter. To expedite this process, any information, contacts, or leads regarding changes in guidelines or regulations; pending legislation; or announcements for upcoming conferences or workshops would be greatly appreciated.

James & Alexander Vance, potters from Greensboro, PA: Recently the site of the Vance pottery was located in Cincinnati, OH. We are seeking information on James & Alexander Vance, redware potters originally from Greensboro, PA. If you can provide information please contact Robert Geinheimer, Cincinnati Museum of Natural History, c/o The Grapevine, 1318 Main Street, Cincinnati, OH 45210.

RAILS-TO-TRAILS

Restoring Life to Abandoned Rail Corridors

Transforming a community's abandoned railroad line to an actively used hiking and biking trail is an imaginative and efficient use of land for recreation purposes. This creative conversion also provides the trail user with a diverse historical and natural landscape to enjoy and understand. Although the concept has been around for over a quarter of a century, efforts in the past five years have been aided greatly by the Rails-to-Trails Conservancy.

The Conservancy has a dual focus of a national program of legal, advocacy and educational activities, combined with a state and local program of direct project assistance. Their activities include sponsoring how-to workshops and other seminars, publishing manuals on trail acquisition and development, and working to change or develop laws to accommodate these conversions.

Federal, state and local agencies, including the National Park Service, the U.S. Bureau of Land Management, the U.S. Forest Service, state departments of natural resources and local parks and recreations departments have also been instrumental in trail development through management, support, and technical assistance.

Over 400 trails are now open, with approximately that same number underway across the United States. The trails range from less than one mile to hundreds of miles which encompass a variety of settings. The potential to link some of these trails together is a major goal of RTC, which is working to build institutional support for a coast-to-coast route and a Boston to Washington Trail.

Currently work is underway with groups in Ohio, Virginia, and New Jersey to develop plans to use the cultural resources along former rail corridors to enhance the trail experience.

For more information, contact the Rails-to-Trails Conservancy at 1400 Sixteenth Street, N.W., Suite 300, Washington D. C. 20036, (202) 797-5400.

DIALOGUE

Dialogue is a new addition to the newsletter. This is your open forum to exchange ideas and knowledge; to discuss any topic related to cultural resources

management; or to ask questions. Anyone wishing to participate in this forum need only submit their thoughts in writing by the 10th of each month. We hope it will start ongoing discussions from which we all can benefit.

Each year a number of fine interpretive historical archaeology reports are produced from the private sector. Yet in the book room at the annual SHA conferences these reports are not available. One solution to this oversight would be to set up a table to display these reports with sign-up order sheets available. Ideally, copies would be priced at cost and postage rates. To assess the feasibility of such an endeavor for the 1993 SHA conference in Kansas City, we need to hear from interested parties. Tom Wheaton has graciously agreed to act as coordinator for this feasibility study. Please direct all correspondence to Tom Wheaton, New South Associates, Inc., 4889 Lewis Road, Stone Mountain, GA 30083.



"I would love to see some thought and communication given to current pay scales, benefits, etc. in cultural resource management so that all of us could begin to work together to improve the nature of our business." Like this contractor, who responded to last month's questionnaire, several others have voiced the desire for the sharing of information on pay scales, benefits, etc.

The Grapevine has obtained a copy of a survey published in the May 1991 issue of the Florida Archaeological Council (FAC) newsletter containing the results of a state-wide survey on this topic. The survey was limited to the membership of the FAC, with a response of 57 percent. The findings of the Florida-based survey, conducted by Raymond Willis, included pay scale and benefits information, as well as various questions pertaining to standards of living for professional archaeologists. Average yearly incomes ranged from \$17,680-\$43,489 based on employment category, educational degree, and years of experience. However, the survey noted that "... 51 percent worked two or more jobs to make ends meet."

Also included in the survey's findings were select comments from respondents on the comparatively low pay scales and inadequate benefits for private-sector archaeologists. These comments reflect those received to date by the Grapevine. The general feeling among archaeologists is that for the level of education and years of experience, archaeologists are at the bottom of the environmental pay scale.

The Grapevine would be interested in acquiring any similar surveys for future publication; or if anyone would like to share data on pay scales and benefits (anonymously of course), The Grapevine will tabulate and publish the results.



Additional suggestions from last month's questionnaire include:

- business ethics
- regulatory problems and a discussion of creative solutions
- establishment of a regional Absolute dates database to be published on a regular basis

- cost & quality of conducting CRM work
- a list of private sector publications and availability

➤ SPECIAL SERVICES

Many times cultural resources consultants require special services that cannot be performed in house. Often it is difficult to locate someone to provide such services. Therefore, we want to offer those individuals who provide special services a forum to advertise their services for hire.

Z ENVIRONMENTAL SERVICES

Presents

National Historic Preservation Act
and

106 Review Process

for

Federally Reviewed Projects

Seminar

on

January 23-24, 1992
Houston

May 21-22, 1992
Arlington, Virginia

For more information and application call:
Dr. Zak Ebeid, Ph.D at ☎ (713) 583-7268

Geosight

It is possible that geophysical exploration might aid your selection of a strategy for excavation. Should you wish to learn more about the possibilities, please call or write. For those of you who are familiar with my work, here are some improvements which have been made in the last few years:

Ground-penetrating radar surveys -	Greater resolution of small, shallow features.
Magnetic survey -	Very fast now (many thousands of measurements per day), which allows larger areas or greater resolution.
Conductivity survey -	Now a wide range of depths of investigation, from 1 m to 50 m.
Resistivity survey -	Better analysis of the depth and size of features.
Seismic survey -	Particularly suitable for studying sites with cultural deposits thicker than 5 m.

Bruce Bevan, P.O. Box 135, Pitman, NJ 08071
phone 609-589-9294

CARL HUGH JONES - CONSULTANT

Archaeology, History, Museums, Steamboats
2240 South 46th Street, Lincoln, Nebraska 68506
402 - 488 - 7075

Steamboat Historian, Museum Curator, and Dirt Archaeologist is available as a consultant or for short term projects in all three areas. I have files on nearly every boat and many of the masters and owners that operated on the Missouri River and many others that operated on the remaining 20,000 miles of our inland waterways.

JOB ANNOUNCEMENTS

POSITION OPEN: Gray & Pape, Inc., has positions open for historical archaeologists at the Principal Investigator and Field Director levels. Principal Investigator position requires minimum M.A. ..

anthropology or related field and thorough experience in historical archaeology and cultural resources management at a supervisory level. Field Director position requires minimum B. A. in anthropology or related field and experience in field direction and report preparation of historic sites investigations. Experience in cultural resources management preferred. Competitive salaries and benefits package. Send vitae to Gray & Pape, Inc., 1318 Main Street, Cincinnati, OH 45210. For information, call (513)287-7700.

POSITIONS WANTED

Individuals seeking employment in a specific field or region of the country can advertise.

EQUIPMENT FOR SALE/EQUIPMENT WANTED

At one time or another we all have special equipment needs that cannot be fulfilled in-house. Occasionally, we require a special piece of equipment for only a short time and are forced to purchase the equipment due to lack of rental opportunities. In this section we hope to match those seeking temporary rental of equipment with those who have idle equipment.

Furthermore, individuals with specialized equipment for sale will have an avenue to advertise to an appropriate market.

FOR YOUR INFORMATION

We wanted to provide a section for miscellaneous "people" information. In this loose and ever-changing network of contract archaeology, sometimes we miss the little personal announcements about long lost friends and former colleagues. So if you have congratulatory statement, a birth announcement, or a move to report, we will gladly print it for you.

In October, Van Button joined the staff of the Federal Energy Regulatory Commission (FERC) as an archaeologist in the Office of Pipeline and Producer Regulation. Van formerly worked with the Army Corps of Engineers' New Orleans District.

Eric Volgt has a new position as an archaeologist with the West Virginia Division of Culture & History, Historic Preservation Unit.

James Wajtala joined the staff of the Army Corps of Engineers', New Orleans District, as an archaeologist in the Planning Division.

Congratulations to Dr. Joe Schuldenrein and his new bride Raya, who exchanged wedding vows on December 7th, in Riverside, New York.

SUBSCRIPTION INFORMATION

Corporate Listings:

\$30.00 Each corporate subscription is entitled to be included in the newsletter's corporate listing for one year. This corporate listing, giving address, phone number, and contact person, will be printed at the back of each monthly issue.

Individual Rates:

\$20.00 An individual subscription includes one free monthly classified ad per year (request for information, special services, job announcement, or, position wanted).

Academic/Governmental Rates:

\$15.00 This newsletter is designed for private sector contractors. However, our colleagues from academic and governmental sectors are welcome to subscribe.

CLASSIFIED ADVERTISEMENTS:

	MONTHLY	YEARLY
Job Announcements	\$10.00	
Request for Information	\$ 5.00	
Special Services	\$10.00	\$75.00
Position Wanted	\$ 5.00	
Equipment for Sale	\$10.00	\$75.00
Equipment Wanted	\$ 5.00	
Equipment for Rent	\$10.00	\$75.00



**Happy Holidays
and
a Prosperous
New Year**

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