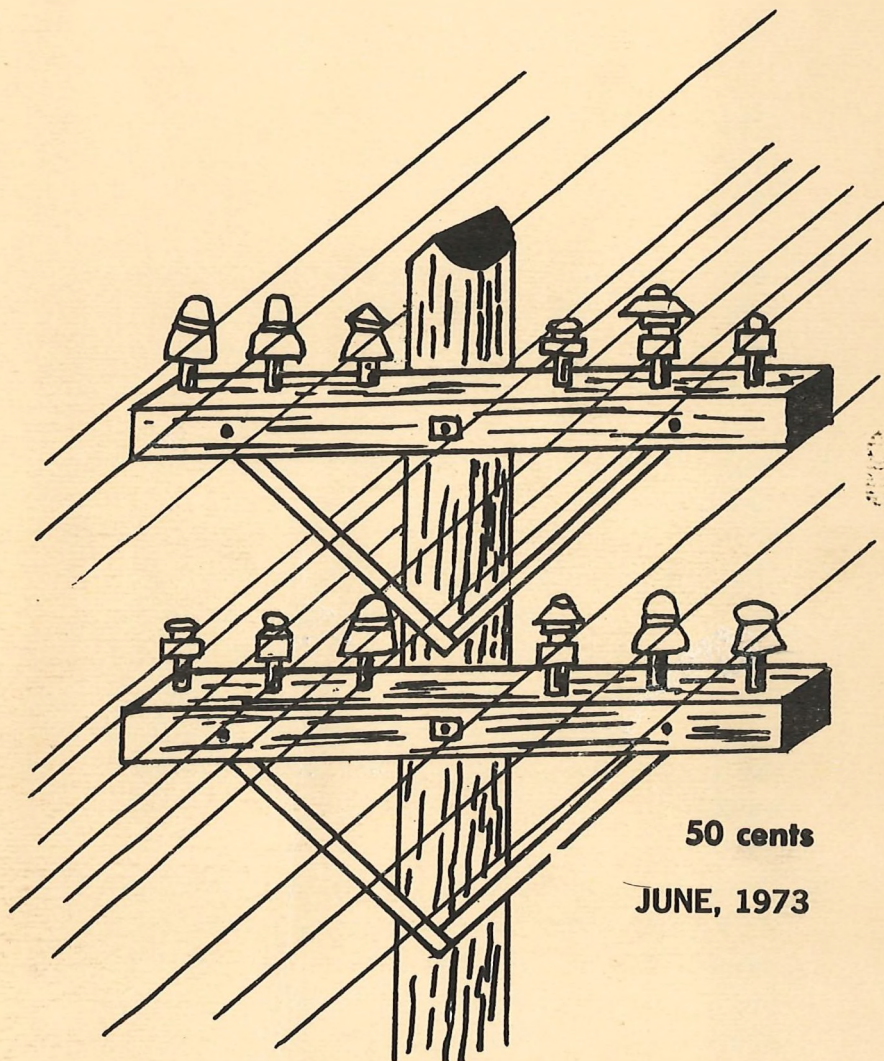


# CROSS ARMS

an eastern  
insulator collectors'  
magazine



50 cents

JUNE, 1973

367 Signal Hill Road  
King of Prussia, Pa. 19406

CROSS ARMS--dedicated to enriching the knowledge of the insulator collector, and enlarging the ranks of the insulator collecting hobby.

#### PUBLISHING POLICY

1. CROSS ARMS will publish any information available concerning insulator shows and swap meets.
2. Any information received by CROSS ARMS before the 15th of the month will be published and in the hands of our subscribers by the 5th of the next month.
3. All ads are kept confidential until they are published.
4. We will do our best to make sure all advertisers are reliable but cannot be held responsible for the validity of their copy nor for their performance. We accept no responsibility for errors except to reprint the incorrect portion of the ad in a later edition.
5. Send black and white prints or copies as they will reproduce with more satisfactory results. All material will be returned to the sender if specified, all other material becomes the property of CROSS ARMS.

Editor James Garrity  
Production Catherine, Mary Alice Garrity, Edward  
Szymala

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## SHOWS AND SWAPS

JUNE 9-10 Fort Scott, Kansas

3rd annual insulator, lightning rod ball, barb wire & related items, Fairgrounds 22nd & Horton St. Info: Paul Schroadter, 912 S. Margrove, KS 66701.

JUNE 9-10 Dos Palos, California

3rd Annual Insulator Swap Meet at Del Hale Hall, 931 Center St. Info: Charles Zuspan, P.O. Box 716, Dos Palos, CA 93620.

JUNE 9-10 Dearborn, Michigan

Metropolitan Detroit Bottle Club Show & Sale at the Dear Born Sports Arena, 14900 Ford Rd. There will be insulators and lightning rod balls, Info: L. W. Promotions, Box #69, Gas City, IN 46933.

JUNE 10 Carlisle, Pennsylvania

1st Pennsylvania Insulator Show at the Quality Inn. Info: Ed Szymala, J-137 Belmont Plaza Apts., King of Prussia, PA 19406 (215) 265-6679.

JUNE 17 Newton, New Jersey

Sussex County Bottle Show & Sale, V. F. W. Hall. Info: Ann DeVries (201) 383-6010.

JUNE 22-23 Biloxi, Mississippi

Magnolia State Bottle Club 4th annual Bottle Show & Sale. Info: R. L. Stafford, Rt. 4, 101 Dedeaux, Gulfport, Miss. 39501 (601) 832-3730.

JUNE 23                      Dover, New Jersey

Lakeland Antique Bottle Club Show & Sale. Info:  
JoAnne Zarger, 18 Allen Ln., Mine Hill, Dover, New  
Jersey 07801.

JUNE 23-24                  Sacramento, California

Central Valley Collectors Fair, 1600 Exposition Blvd.,  
Cal Expo. Bottles, insulators, Avons, stamps, and  
all collectibles. Info: Joanne Berry, P.O. Box 941,  
Citrus Heights, CA 95610.

JUNE 30-JULY 1 Springfield, Missouri

Hobby Show & Sale, National Guard Armory, 1400  
N. Fremont. Barb wire, bottles, jars, collectables.  
Info: Jerry Heard, Box 217, Ozark, MO 65721.

JULY 7-8                      Hutchinson, Kansas

4th National Insulator Show, Sports Arena. Info:  
Thomas D. Wolfe, Box 190, Auburn, NB 68305 or  
George Phillips, Box 1791, Hutchinson, KS 67501.

JULY 14-15                  Eureka, California

8th Annual Humboldt Antique Bottle Collectors Show &  
Sale, (Bottles, insulators, relics). Info: P.O. Box  
6012, Eureka, CA 95501 (707) 442-8726.

AUGUST 11-12                Fresno, California

Collectors Jamboree, Junior Exhibit Bldg. Info:  
Bill Heitkotter, 35 E. Cornell, Fresno, CA 93705.

AUGUST 25-26                Denver, Colorado

Mountain States Insulator, Bottle & Collectibles Show  
& Sale, Info: Michael Bliss, 4640 E. Asbury Circle  
#22, Denver, CO 80222.

SEPTEMBER 1-2 Hutchinson, Kansas

Insulator, lightning rod ball & bottle and collectors show, Sports Arena. Info: George Phillips, Box 1791 Hutchinson, KS 67501

SEPTEMBER 1-2-3 Bakersfield, California

2nd Annual Insulator Show at Bakersfield Elks Lodge Hall. Info: Chuck Henry, 7400 Pembroke Ave., Bakersfield, CA 93308.

SEPTEMBER 9 Alexander, New York

Western New York Bottle Collectors Sale. Insulators, lightning rod balls & bottles. Alexander Firemen's Hall, Rt. 98 & Rt. 20, Alexander, NY (near Batavia). Info: Dennis Sobotka, 4316 Military Rd., Niagra Falls, NY 14305.

SEPTEMBER 23 Binghamton, New York

1st annual bottle & insulator show & sale, Masonic Temple, 66 Main St. Info: Chuck Purdy, 47 Dickinson Ave., Port Dick, NY 13904.

SEPTEMBER 29-30 Columbia City, Indiana

Hoosier Insulator Collector's Fall Show. Info: Paul Houpt, 211 S. Chauncey St., Columbia City, IN 46725.

OCTOBER 12-13-14 St. Charles, Illinois

2nd Chicago Mid-West National Insulator Show, Kane County Fairgrounds. Info: L. Veneziano, 324 Hawthorne Dr. Bensenville, IL 60106 (312) 766-3705.

OCTOBER 13 East Bridgewater, Mass.

8th Eastern Mass. antique bottle & insulator show & sale. Square Acres Dance Hall. Info: Fred Swiechowicy, 200 Warren St., Randolph, MA 02368

Eastern Insulator Club presents its fall show in Springfield, Virginia. For information please contact: Jim Barron, 6815 Darby Lane, Springfield, VA 22150.

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BOOK REVIEW

THE INSULATOR BOOK - A reprint of a 1907 Locke Insulator Catalogue showing most of his pin type insulators. The catalogue is a 61 page, soft bound, 5 1/2 X 8 booklet

STANDARD INSULATORS - A reprint of a 1902 C. S. Knowles Insulator Catalogue, soft bound, 49 pages 5 1/2 X 8". The catalogue shows the Knowles line of 1902 both glass and porcelain.

Both books are a nice addition to an advanced collectors library or someone interested in collecting historical data. One must remember both books are exact catalogue "reprints." Thus they don't list insulators with their CD #'s or the different embossings and colors available.

CROSS ARMS' recommendation:

Beginning collectors - the books aren't necessary. Wait until you have been collecting for awhile.

Intermediate collectors - the books are handy to the point of showing you what the Knowles & Locke companies were selling in 1902 & 1907.

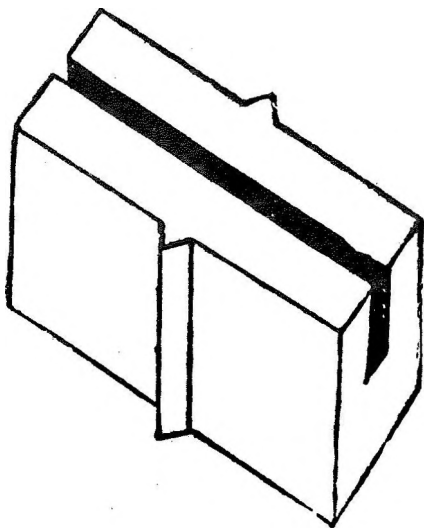
Advanced collectors & historians - both books are nice to have for reference. Both the "STANDARD INSULATORS" and "THE INSULATOR BOOK" can be purchased at \$3.00 each or both books for \$5.00 from Frank Peters Books, 1240 W. Kearney Blvd., Fresno, CA 93706. (California residents add 5% tax.)

## INSULATOR RESEARCH

While doing research we have come across some "new and different" insulators. Most would seem to have been failures as men struggled to find the right insulator. Most of this information was taken from a book by James Reid called "The Telegrapher in America."

"The line from Philadelphia to Baltimore was built in 1846 by Henry O'Reilly, under a contract for \$12,000, increased afterward to \$14,000, for a line of one iron wire. No directions were given about insulation, of which there seemed little knowledge.

We insulated the wire as directed with bits of India

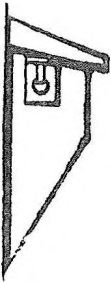


rubber cloth wrapped round the wire, and wedged in with plugs of Georgia pine. These soon tore out, and, as soon as I had authority to act independently, little blocks of grooved glass of fine quality were substituted.



"The building of the People's Telegraph line was committed to the care of Dr. A. Sidney Doane, one of the early directors of the Magnetic Telegraph Company, Charles G. Oslere of Pennsylvania, and Captain John O'Reilly, who pushed their work with so much zeal that on March 7th, 1848, the line was opened to Nashville, Tenn.

From thence it was built southward through Tusculumbia, Ala., Columbus and Jackson, Miss., and thence through Clinton and Baton Rouge, LA., to New Orleans.



The whole line was finished early in 1849. In its construction, it was as usual, built of indigenous easily obtained timber, with little regard to permanence, and over long sections in Mississippi the wire was borne by brackets nailed to trees. An exception to this general character of the line was in that part of it built along the levees below

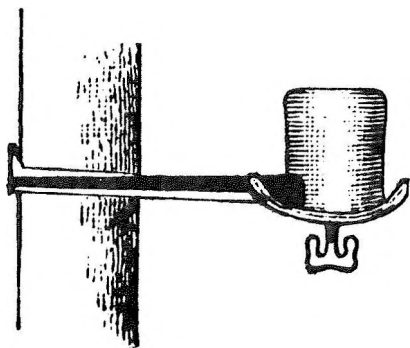
Baton Rouge, the poles for which were of cypress sawn square, with the square block insulator on the top. By one of the fatalities incident to a hurried work in the hands of unskilled men, the insulators, instead of being made of glass, were of glazed earthenware, imperfectly vitrified, through the thin crust of which the wire soon sawed its way, and left the soft pottery exposed to the rain which soon soaked into the mass!

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"Strange also, as it may seem, Mr. Cornell, who had introduced the glass insulator, took the epidemic itch to experiment on new methods of insulation. The

habitues of the telegraph offices at No. 5 Hanover street, remember with a shudder, how the fumes of brimstone came reeking up from the sub-cellar below the operating room, where Mr. Cornell was endeavoring to mould into form, by fire and sulphur, one of the most disastrous modes of insulation ever employed. He had much to do in the introduction of the brimstone age. Mr. French adopted it on the Magnetic Company's lines almost to their ruin. Mr. Cornell put it on the Erie, and perhaps, that ill-starred company therein found a quick passage to its grave. The Novelty Works also, at Pittsburgh, Pa., made great quantities

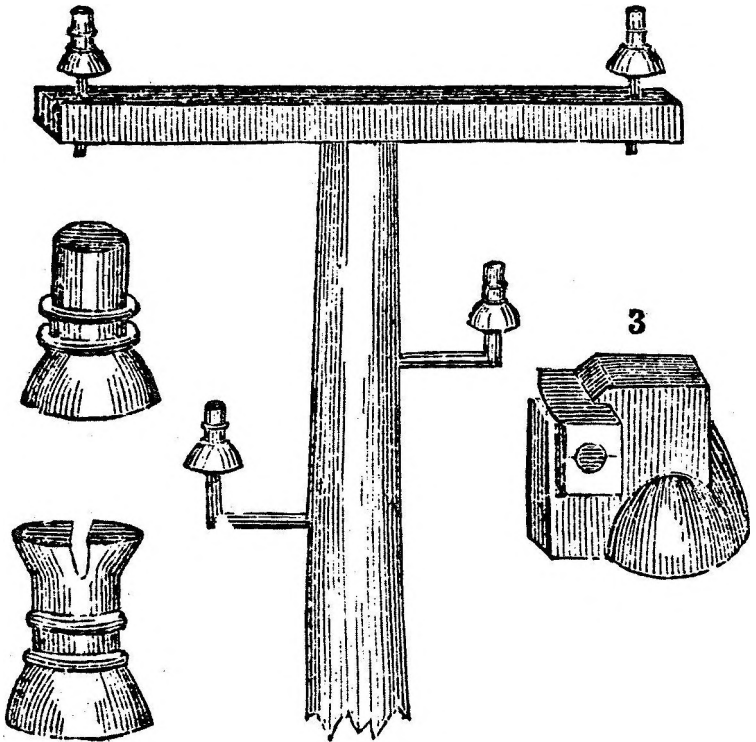
of the brimstone insulator, which consisted of an iron hat filled with hot brimstone, into which an iron stem, with hook, was held until cooled. There was disaster wherever it went. They were used on the Boston line, when, in 1848, the Board of Directors, disgusted with the Railroads, built another line across



the country from Clappville near Worcester to Enfield Bridge, Conn., using the new brimstone insulator as, perhaps, indicative of the vengeful feelings under which it was employed.

"Copper wire first employed, has, on account of expense, been laid aside for iron, of which 300 lbs. are required to a mile: the method of insulation consists in winding them around glass knobs, passing them through caps of the same material, or enclosing them throughout with gutta percha.

The figure shows the methods of attaching them to glass caps, by supporting the wire from their side (1)



or resting them in a groove on the top (2), these caps fit over wooden or iron pins, which are fastened on the top of horizontal cross bars, or driven into the side of a post; two blocks of glass in the form of a parrallelo-piped, and dove-tailed together in such a manner, as to let a wire, without any other fastening, slide through a central opening; the glass being surrounded and pro-

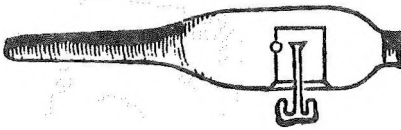
tected by wood; the most recent method consists of glass blocks, fitted in cast iron caps and supported on the peg by a heavy glass tube (3). The caps, of whatever form, are either upon crossbars, or supported by iron staples driven into the post.

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"Early in 1849, by the formation of the "New York and New England Telegraph Company," and its incorporation under the general telegraph law of the State of New York, with a capital of \$100,000, which was, under the influence of Gen. Lefferts.

It was built along the Pawtucket pike road from Boston to Providence, R. I., then following the railroad to

Olney, and southward by the New London, Middletown, Norwich and New Haven pike to Eighth avenue, New York. A single number nine galvanized wire,



of fine quality, was erected, which soon required a companion, as public confidence crowded the first with business. An insulator, known as the Lefferts' block insulator, was largely employed on this line. It was a glass cylinder with a depending iron stem and hook secured in a block of wood, saturated with gum shellac.

## EDITORIAL

Insulator collecting is starting to come of age. We now have at our disposal several good books to aid in cataloging our collections, usually a local club, if we want to join it, two national magazines to keep us up to date with the hobby and the wheels are turning in an attempt to form a National Collectors Organization.

I think it is time all us collectors take a long, objective look at the newly manufactured insulators. There are several questions we should be asking ourselves:

Do we need reproductions, private issues or limited editions?

Will they help or hinder the hobby's growth? (one can look at the historical flasks in the bottle hobby for a comparison.)

Do the new insulators serve any real purpose?

As an active insulator collector and editor of CROSS ARMS, I feel the hobby doesn't need them. In the overall picture, I think they will hinder the growth of the greatest hobby in the country.

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The views expressed in this editorial are strictly those of the editor. Comments are invited, and equal space will be given for pros and cons. Just write: James Garrity, 367 Signal Hill Road, King of Prussia, PA 19406.

BY-LAWS  
NATIONAL INSULATOR ASSOCIATION

ARTICLE I

PURPOSE

The National Insulator Association, herein noted as the NIA, shall be incorporated as a non-profit educational and scientific organization; encourage insulator collecting and dealing; protect the interest of insulator collectors and dealers; and establish standards and ethics by which insulator collectors and dealers may fairly deal one with another.

ARTICLE II

MEMBERSHIP AND DUES

All persons who are in any way interested in the insulator shall be eligible for membership. The NIA Board of Directors shall set the dues for each class of member, subject to the approval of the membership, and may suspend or revoke a membership for just cause under Article VI.

The classes of membership in the NIA shall be regular and junior.

Any club of insulator collectors and/or dealers may hold a club membership in the NIA upon payment of an annual fee. An affiliated club may be reimbursed by an amount set by the NIA Board of Directors for each membership collected by the club.

ARTICLE III

VOTING, HOLDING OFFICE, AND OFFICERS

Each member shall be entitled to vote at the annual meeting in appropriate elections and on all matters brought before the NIA.

All elected or appointed officers or representatives of the NIA shall be current members.

The officers of the NIA shall be a President, three Regional Vice-Presidents (one of whom shall be designated as First Vice-President), Treasurer, Information Director, and Executive Director.

The President shall preside at all meetings of the NIA or the NIA Board of Directors and take such actions as will promote the purposes of the NIA. The President shall be elected by the members at an annual meeting, for a one-year term, to take office at the conclusion of that meeting.

The Regional Vice-Presidents shall be elected to three-year terms by members at an annual meeting, except that one shall be elected for a one-year term and one for a two-year term at the first annual meeting at which an election is held. In 1973-74 the First Vice-President shall be from the Eastern Region, in 1974-75 from the Western Region, in 1975-76 from the Central Region, and thereafter rotate in the same sequence. The First Vice-President shall preside in the absence of the President. Each Regional Vice-President shall take such action as will promote the purposes of the NIA in his region and nationally.

The Treasurer shall be appointed annually by the President and Regional Vice-Presidents and shall operate in a thorough and efficient manner to provide accurate records and handling of the finances of the NIA.

The Information Director shall be appointed annually by the President and Regional Vice-President and shall coordinate communications, information, and publication services of the NIA, including determination of the official publication.

The Executive Director shall be appointed annually by the President and the Regional Vice-Presidents and shall serve as secretary and executive officer for the NIA. He shall take such actions as will promote the purposes of the NIA.

#### ARTICLE IV

##### GOVERNMENT AND MEETINGS

The Board of Directors shall be composed of the President, Regional Vice-Presidents, Treasurer, Information Director, and Executive Director. The Board shall meet at the call of the President and shall take such actions as will promote the purposes of the NIA.

The three regions of the NIA shall be revised as necessary by the NIA Board of Directors. Members from the respective regions shall be eligible to vote for candidates for the Regional Vice-President. The Regional Vice-President may develop such organization within his region or within districts, states, or local areas within the region, as will promote the purposes of the NIA. No organization at the regional, district, state or local level shall be affiliated with the NIA until the organization has its by-laws approved by the NIA Board of Directors.

The annual meeting of the NIA shall be held during the annual national insulator show which shall be at a time and place set by the NIA Board of Directors. Special meetings may be called by the NIA Board of Directors at any time. Adequate notice of meetings shall be sent to all members by mail or through the official publication and any member is eligible to attend. The 1974 annual meeting shall be held in the Eastern Region, in 1975 in the Western

Region, in 1976 in the Central Region, and thereafter rotate in the same sequence.

Official NIA regional insulator shows shall be held annually in the two regions other than the one in which the annual meeting and show is held. The time and place of the regional shows shall be set by the NIA Board of Directors.

The NIA Board of Directors shall seek responsible members and NIA-affiliated organizations or clubs to serve as sponsors and hosts for all NIA-established meetings and shows.

The quorum for any annual meeting of the NIA shall consist of those members present.

## ARTICLE V

### ELECTION

The NIA Board of Directors shall appoint a representative nominating committee of three members present at the annual meeting which shall present nominations to the annual meeting for the offices for which terms are expiring.

The election shall be held by written ballot.

Vacancies in any office shall be filled by the NIA Board of Directors until the next annual meeting.

## ARTICLE VI

### ETHICS AND STANDARDS

The NIA Board of Directors shall adopt a code of ethics for insulator collectors and dealers and a set of standards for describing insulators to thereby promote fairness and uniformity in participation in the hobby.

The NIA Board of Directors, following due process of fact-finding and hearings, may suspend or revoke membership upon failure of a member to abide by and utilize the code of ethics or the standards for describing insulators.

## ARTICLE VII

### AMENDMENTS

These By-laws may be amended, altered, or repealed by the membership at any annual meeting by an affirmative vote of two-thirds of all votes cast, pro-



viding a copy of the proposed change is made available to each member at the annual meeting prior to a vote on the proposal.

## ARTICLE VIII

### EFFECTIVE DATE AND IMPLEMENTATION

These By-Laws shall become effective upon action and adoption by a majority of those present and voting at the meeting at the 4th National Show in Hutchinson, Kansas, called by the Organizational Committee established at the 3rd National Show.

Upon adoption, the Organizational Committee shall name a three-member nominating committee which shall present to the meeting nominees for President and for three Regional Vice-Presidents as prescribed in Article III.

To immediately provide funds for operations, the Organizational Committee may set membership fees for 1973-74, collectable at the 4th National Show and at any other time during that year.

To provide for initial organization, the following regions are established, subject to review and change by the Board of Directors at any time:

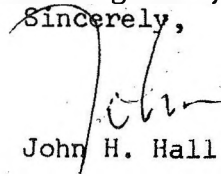
- Eastern Region - Alabama, Connecticut, Delaware, Florida, Georgia, Maine, Maryland, Massachusetts, Mississippi, New Hampshire, New Jersey, New York, North Carolina, Pennsylvania, Rhode Island, South Carolina, Tennessee, Vermont, Virginia, West Virginia.
- Central Region - Arkansas, Colorado, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Michigan, Minnesota, Missouri, Nebraska, New Mexico, Ohio, Oklahoma, Texas, Wisconsin.
- Western Region - Alaska, Arizona, California, Hawaii, Idaho, Montana, Nevada, North Dakota, Oregon, South Dakota, Utah, Washington, Wyoming

Dear Jim:

Warren Olson, Chairman of the Organizational Committee set up at the Third National Insulator Show at Kansas City last July to develop recommendations for a national organization, has asked that I send you the enclosed proposed By-laws. The Organization Committee is hopeful that these can be published by you in time for insulator collectors and dealers to become informed prior to the 4th National Show in Hutchinson.

Please know your assistance will be greatly appreciated.

Sincerely,



John H. Hall

\* \* \* \* \*

Now that you have read the proposed By-laws for a National Insulator Organization, study them closely. They are going to be voted upon at the 4th National Meet in Hutchinson, Kansas on July 7-8. If you cannot attend the meet it would behove you as a collector to contact your regional representative (who will be at the meet) and let him know exactly what your views are concerning the proposed By-laws. The area representatives appointed in '72 are:

John Hall, 2640 Old Forge Rd., Apt D, Columbus, OH  
43209

Steve Freedman, 18 Highland Dr., Wallingford, CT  
06492

Larry Harmon, Box 324, Wentzville, MO 63385.

Chuck Henry, 7400 Pembroke Ave., Bakersfield, CA  
93308

Rodney Wing, 28439 Rosslyn, Garden City, MI 48135

Fred Griffin, 512 S. Palm Ave., Palatka, FL 32077

The news for the Eastern Insulator Club should be of particular interest to members in New York, Maryland and New Jersey. Each of these states reached chapter status a few months ago, thus allowing them to choose a State Vice President.

In two states it was a very close race. The results are Jerry Wagner from New Jersey, Janet Dailey from Maryland and Joe Richardson from New York.

We urge the people in these states to write their Vice-Presidents and let them know what is happening in their states.

Members in Pennsylvania will be getting ballots in the mail shortly to select their Vice President.

Also, people in Pennsylvania might want to keep in mind Ed & Jeannie Szymala, members of the Eastern Insulator Club, are having a show on June 10 in the Harrisburg, Pennsylvania area.

The First State Insulator Show was a big success. It was put on by members of the club from Delaware. Congratulations!

As you know, our Secretary had to resign last month. At this time, we would like to thank Peg Hotten for an outstanding job. The newsletter will be temporarily written by the Treasurer.

Members write to Jim Barron with any worthwhile information that may be of interest to others in the Club.

It should also be noted that the club now has 159 members and is still growing.

## CEDAR RAPIDS, IOWA SHOW

by Don Jelinek

Enclosed are some pictures from my April 15th insulator show held here in Cedar Rapids, Iowa. Everyone really did a good job at setting up their displays.

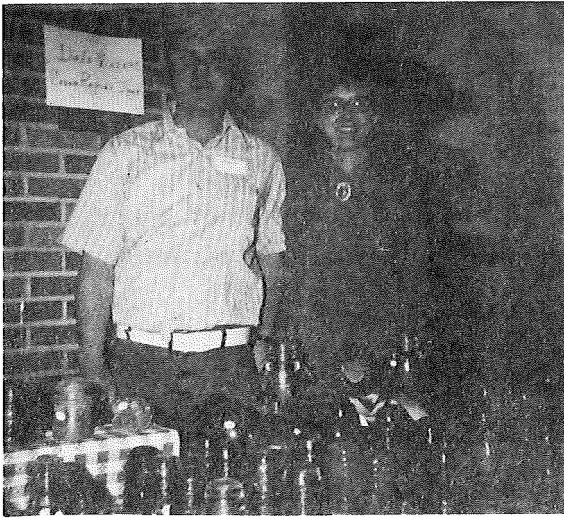
First Place winner, Ray Bryan set up a real nice display of two piece transpositions which included: EIV No. 21 from Viet Nam (lt green), Hemingray (in four colors), A. T. & T. Co (blue), double diamond tow pc. transposition (green) etc.

Second place ribbon winner was Dale & Linda Vincent. Some of their display included: CD 195/194 54 A & B purple, CD 145 KCGW, CD 128 Hem. E 14 vasoline, CD 134 T. H. -E and assorted CD 160 signals.



CROSS ARMS first place-Ray Bryan of Ames, Iowa.

Cedar Rapids Show.



CROSS ARMS, second place-Dale & Linda Vincent of Cedar Rapids.

SHEET No. 34.

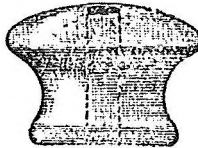
THE E. S. GREELEY & CO., (Successors to L. G. Tillotson & Co.) NEW YORK.

PORCELAIN INSULATORS.

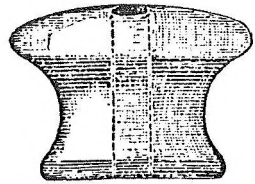
Cuts approximately full size.



Cat. No. 6134.



Cat. No. 6334.



Cat. No. 6534.

Size .....	5/8 inch	3/4 inch	7/8 inch	1 inch	1 1/4 inch	1 1/2 inch	1 3/4 inch	2 inch	
Cat. No. ....	6034	6134	6234	6334	6434	6534	6634	6734	6834
Price per 100 ...	\$0 54	\$0 54	\$0 54	\$0 54	\$0 67	\$0 90	\$1 26	\$1 80	\$2 84

REHOBOTH, DELAWARE SHOW  
by Charles Irons & Marion Tull

April 29, the First Annual Rehoboth Beach Insulator Show took place. 42 sales tables were set up and the paid attendance was 208. Since this was the first year we expect a bigger and better show next year.

An interesting part of the show was the "insulator auction." It took place toward the close of the show. The prices were a surprise to most people.

Marion and I want to thank everyone who participated in "The First State Insulator Show."

Here are pictures of the award winning displays and some Close ups of the "goodies" that were at the show.

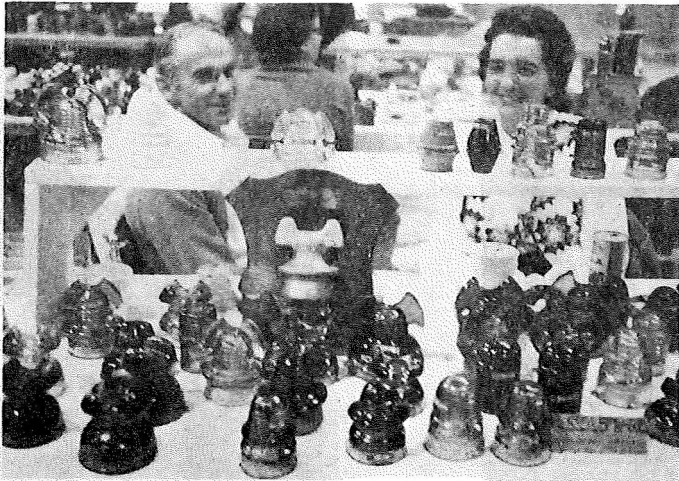


George Reed of Havertown, PA-winner of "Best in Show" trophy and the "Crown Jewels" ribbon.

**First State Insulator Show.**

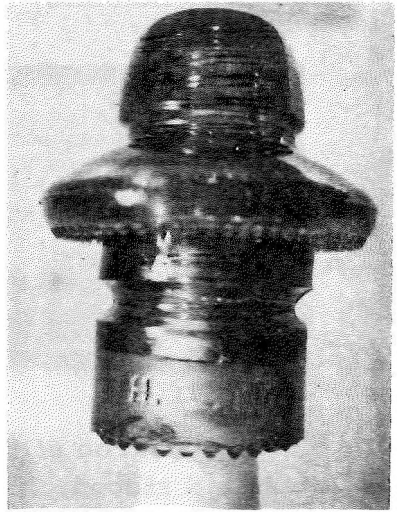
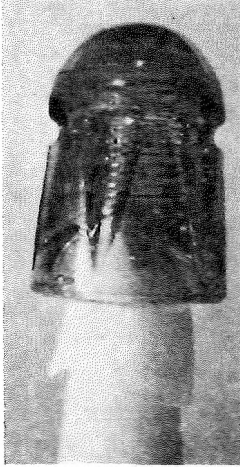


**Jim & Carol Barron of S pringfield, VA-winner of CROSS ARMS ribbon, first place.**

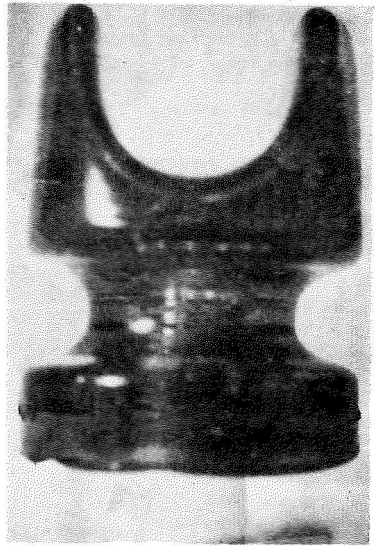


**Russell Sprague & His wife-winner of the Show Trophy for "rarest insulator" (a hounddog.)**

First State Insulator Show



From Claude Herdman of Canada left: a Chicago pony and a CD 196 H. G. Co.



left a CD 105 No Name American from Steve Freedman of Wallingford, CT. right a #4 Cable, embossed N. E. G. M. Co. from the McCormicks of Del.

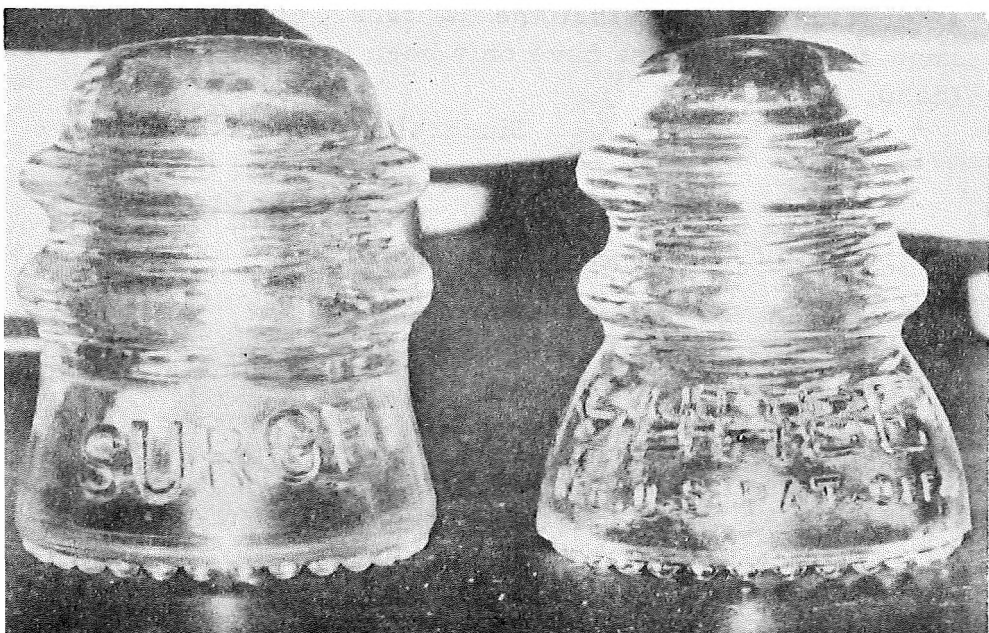


## LETTERS TO THE EDITOR

Dear Jim:

Enclosed is a picture of a SURGE insulator recently acquired from the Muncie dump. On the right hand side is the regular SURGE so you can compare the two pictures. I've never seen a SURGE like this one. Notice that SURGE slants. And on the back the insulator is embossed Babson Bros. Co. (letters not aligned very well.) This is the only piece of this nature I have found.

Sincerely, Jim White



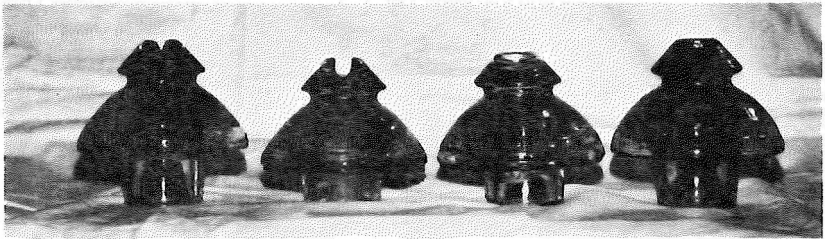
Dear Mr. Garrity:

Amenclosing a picture of some power insulators I acquired recently from another collector who was disposing of all his trading stock.

The two shorter ones in the center are very crude and range in color from a light greyish blue to pale aqua. The two taller ones are a very deep aqua. Collectors in this area refer to the tall ones as ballerinas, flat top and slot top or top groove.

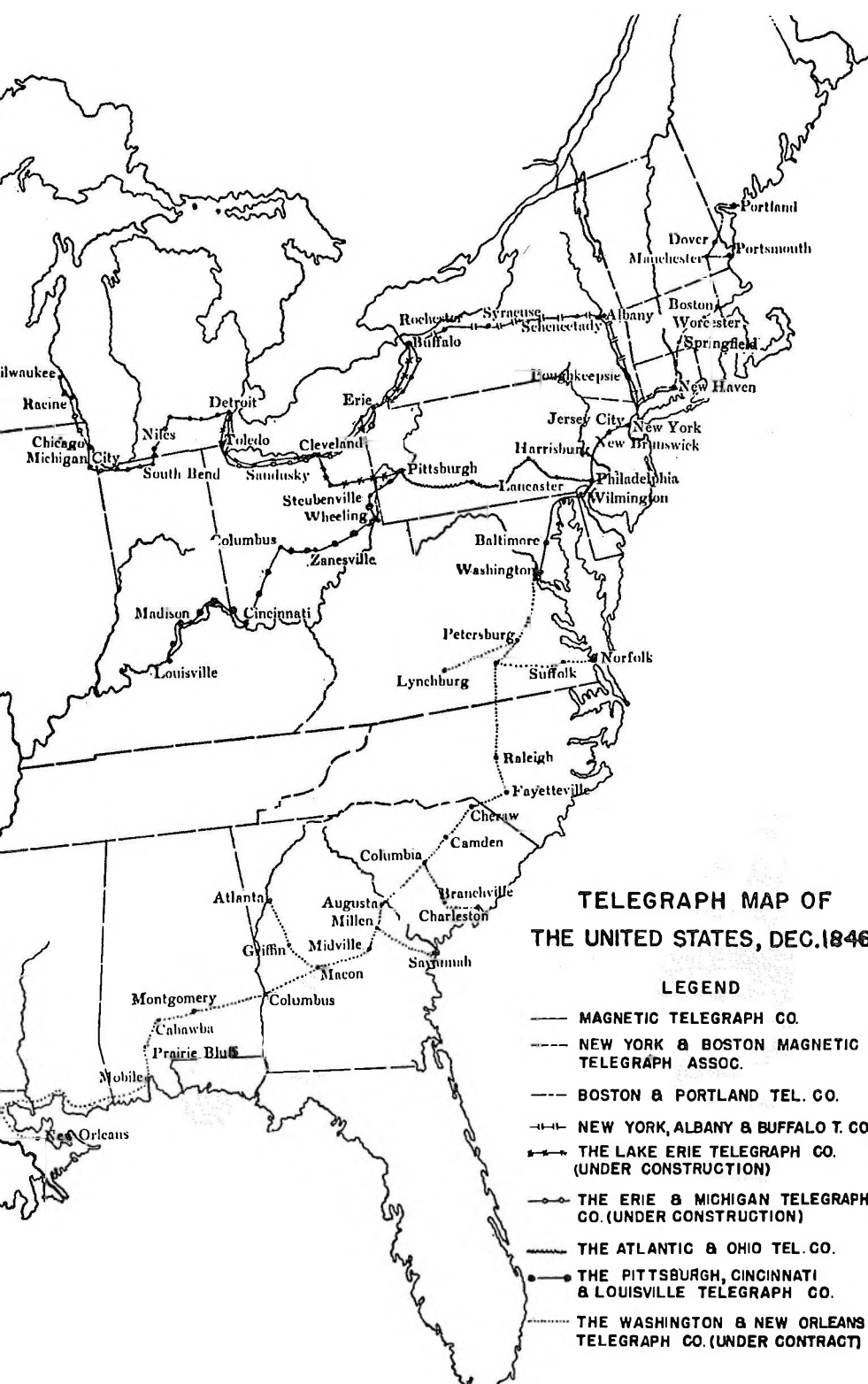
These insulators were found on abandoned power lines to old mining towns near Boise, and date from the turn of the century. The short ones were found on a line from the ballerinas and were found in conjunction with Mershon's and dated Locke CD 288. On both lines the insulators with the top grooves were only found where the line ran over a fall and are consequently considerably more rare than the flat tops. So far as we know these insulators have only been found here in Idaho.

Sincerely, John Cothorn  
Rt. 1  
Buhl, Idaho, 83316



---

May, 1894- A Postal Telegraph line was completed from Brier Hill to Gouverneur, NY. A distance of 18 miles and was known as International Telegraph and Telephone Company



## TELEGRAPH MAP OF THE UNITED STATES, DEC. 1846

### LEGEND

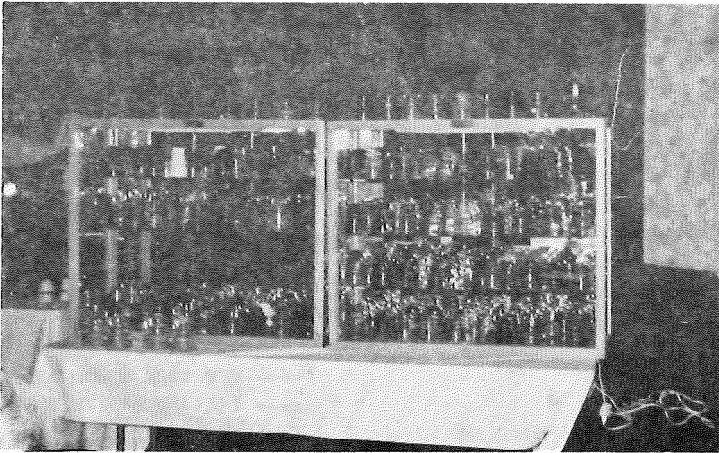
- MAGNETIC TELEGRAPH CO.
- - - NEW YORK & BOSTON MAGNETIC TELEGRAPH ASSOC.
- · - · - BOSTON & PORTLAND TEL. CO.
- + + + NEW YORK, ALBANY & BUFFALO T. CO.
- ↔ ↔ THE LAKE ERIE TELEGRAPH CO. (UNDER CONSTRUCTION)
- ○ THE ERIE & MICHIGAN TELEGRAPH CO. (UNDER CONSTRUCTION)
- - - THE ATLANTIC & OHIO TEL. CO.
- ● THE PITTSBURGH, CINCINNATI & LOUISVILLE TELEGRAPH CO.
- ..... THE WASHINGTON & NEW ORLEANS TELEGRAPH CO. (UNDER CONTRACT)

## LUBBOCK, TEXAS SHOW

by Herman Jacobs

There were 40 tables each day, probably 35 insulator tables. Richard and Patty Ann Sharer won our traveler award for traveling the longest distance from Des Moines, Iowa. They were presented two tickets to our banquet. The Grand Prize was won by Johnny & Carol Warlick for their Indian artifacts display. Best glass was won by Carl Rusk, best porcelain by Chester and B. J. Morris of El Paso and best novice by Joe Halbert. Rusk and Halbert are both members of our "Hub of the Plains Insulator Club."

We had about one thousand people to see the show. Much good glass changed hands. B. W. Christopher and his boy Mike got a Pluto from Richard Sharer, No. 3 & 4 Cables, Columbia's, Jumbo's, vasoline, and Hemi 55 with drips are just a few that were offered.



Carl Rusk and his prize winning display for Best Glass.

North.

Inland Tel. Co.	1862	U. S. Tel. Co.	1865
Toumshourg & Sen. Falls Tel. Co.	1862	Western Union Tel. Co.	1865
Pacific & Atlantic Tel. Co.	1863	Western Union Tel. Co.	1873
Ithaca Tel. Co.	1863	Western Union Tel. Co.	1864
Fall River & Newport Tel. Co.	1863	Western Union Tel. Co.	1870
Pacific Tel. Co.	1863	Western Union Tel. Co.	1865
U. S. Pacific Tel. Co.	1864	Western Union Tel. Co.	1865
Russian Extension Tel. Co.	1864	Western Union Tel. Co.	1866
Annapolis Tel. Co.	1864	Western Union Tel. Co.	1871
Monong Valley Tel. Co.	1864	Pacific & Atlantic Tel. Co.	1865
Richfield Springs Tel. Co.	1864	Western Union Tel. Co.	1865
Delaware River Tel. Co.	1865	Western Union Tel. Co.	1871
International Ocean Tel. Co.	1865	Western Union Tel. Co.	1881
Bankers & Brokers Tel. Co.	1865	Western Union Tel. Co.	1881
Atlantic & Pacific Tel. Co.	1865	Western Union Tel. Co.	1881
Franklin Tel. Co.	1865	Atlantic & Pacific Tel. Co.	1876
United States & Mexico Tel. Co.	1865	Western Union Tel. Co.	1869
Eastern Tel. Co.	1866	Pacific & Atlantic Tel. Co.	1867
Eric County Tel. Co.	1866	Atlantic & Pacific Tel. Co.	1869
International Tel. Co.	1866	Western Union Tel. Co.	1872
Independent Tel. Co.	1866	Western Union Tel. Co.	1867
Atlantic & Pacific States Tel.	1866	Western Union Tel. Co.	1871
Keystone Tel. Co.	1866	Pacific & Atlantic Tel. Co.	1868
Phila. Local Tel. Co.	1867	Gold & Stock Tel. Co.	1871
Gold & Stock Tel. Co.	1867	Western Union Tel. Co.	1881
Manhattan Quotation Tel. Co.	1867	Gold & Stock Tel. Co.	1873
Insulated Tel. Co.	1867	Pacific & Atlantic Tel. Co.	1868
Southern Tel. Co.	1867	Pacific & Atlantic Tel. Co.	1868
Merchants National Tel. Co.	1867	Atlantic & Pacific Tel. Co.	1874
Miss. Valley National Tel. Co.	1868	Pacific & Atlantic Tel. Co.	1869
Hawkeye Tel. Co.	1869	Atlantic & Pacific Tel. Co.	1875
Northern Tel. Co.	1869	Atlantic & Pacific Tel. Co.	1873
Southern & Atlantic Tel. Co.	1869	Western Union Tel. Co.	1876
Evansville & Wabash Tel. Co.	1869	Western Union Tel. Co.	1871

YEAR

MERGED WITH

FOUNDED

ORIGINAL COMPANY

ORIGINAL COMPANY	FOUNDED	MERGED WITH	YEAR
Magnetic Telegraph Co.	1844	American Telegraph Co.	1859
Atlantic & Ohio Tel. Co.	1844	Western Union Tel. Co.	1864
New York & Boston Mag. Tel. Assn	1844	New York & New England Union Tel. Co.	1852
New York, Albany & Buffalo Electro Mag. Tel. Co.	1845	Western Union Tel. Co.	1863
Lake Erie Tel. Co.	1847	Western Union Tel. Co.	1852
Erie & Michigan Tel. Co.	1847	Western Union Tel. Co.	1855
Pittsburg, Cincinnati & Louisville Tel. Co.	1847	Western Union Tel. Co.	1856
Ohio & Mississippi	1847	Western Union Tel. Co.	1856
Washington & New Orleans Tel. Co.	1847	Magnetic Telegraph Co.	1855
New Orleans & Ohio Tel. Co.	1847	Southern Tel. Co.	1858
Peoples Telegraph Co.	1847	Southern Tel. Co.	1858
Nova Scotia Electric Tel. Co.	1848	Western Union Tel. Co.	1872
Ohio Indiana & Ill. Tel. Co.	1848	Western Union Tel. Co.	1858
St. Louis & New Orleans Tel. Co.	1848	Southern Tel. Co.	1858
Cleveland & Cincinnati Tel. Co.	1848	Western Union Tel. Co.	1854
Illinois & Mississippi Tel. Co.	1849	Western Union Tel. Co.	1868
New York & New England Tel. Co.	1849	New England & New York Union Tel. Co.	1852
North American Tel. Co.	1849	Magnetic Tel. Co.	1852
Phila. & Wilkes Barre Tel. Co.	1849	American Tel. Co.	1860
Susqua. River & North Branch Tel. Co.	1849	American Tel. Co.	1865
New York & New England Union Tel Co.	1849	American Tel. Co.	1859
Vermont & Boston Tel. Co.	1849	American Tel. Co.	1865
New York State Printing Tel. Co.	1850	Western Union Tel. Co.	1863
Frederickton & St. Johns Tel. Co.	1850	Western Union Tel. Co.	1880
Southern Mich. Tel. Co.	1850	Western Union Tel. Co.	1857
Ohio Tel. Co.	1850	Western Union Tel. Co.	1854
Sommerset & Kennebec Tel. Co.	1850	Western Union Tel. Co.	1861
Boston & New York Printing Tel. Co.	1850	American Tel. Co.	1855

The birth of a giant Western Union Telegraph Company in April, 1851. From this date on, Western Union started acquiring all the companies listed below and by 1897, of the 142 companies listed, Western Union had acquired all.

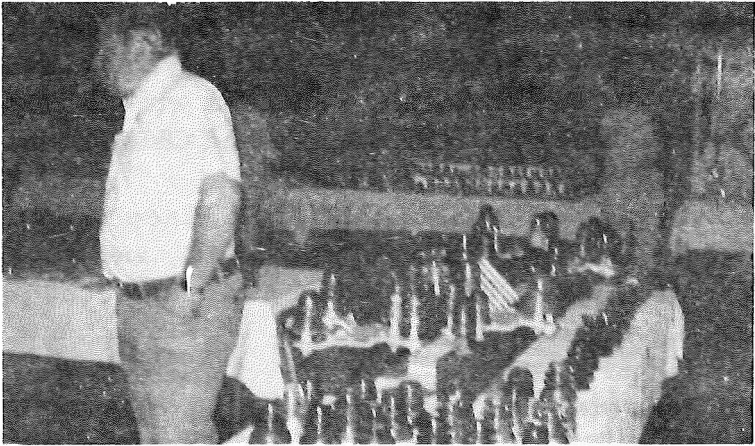
Cincinnati & St. Louis Tel. Co.	1851	Western Union Tel. Co.	1854
St. Louis & Missouri River Tel. Co.	1851	Western Union Tel. Co.	1859
Rhode Island Tel. Co.	1851	New York & New England Tel. Co.	1853
Northern Tel. Co.	1851	American Tel. Co.	1857
Lynchburg & Abingdon Tel. Co.	1851	American Tel. Co.	1859
...	1851	...	1867

Calif. State Tel. Co.	1852	Western Union Tel. Co.	1860
New York and Washington Printing Tel. Co.	1852	American Tel. Co.	1859
Augusta, Atlantic & Nashville Tel. Co.	1852	American Tel. Co.	1859
American (or Penman) Line	1852	American Tel. Co.	1858
New York & Sandy Hook Tel. Co.	1853	Calif State Tel. Co.	1859
Alta Telegraph Co.	1853	Western Union Tel. Co.	1854
Sciotia Tel. Co.	1853	American Tel. Co.	1857
Mt. Holly Tel. Co.	1853	American Tel. Co.	1855
Boston & Cape Cod Marine Tel. Co.	1853	American Tel. Co.	1861
Northern Tel. Co.	1854	California State Tel. Co.	1855
Cape Cod Tel. Co.	1855	American Tel. Co.	1857
Delaware & Hudson Tel. Co.	1854	American Tel. Co.	1865
American Tel. Co. (W. U. T.'s biggest competitor)	1854	Western Union Tel. Co.	1865
Troy and Can. Jct. Tel. Co.	1855	American Tel. Co.	1868
Chicago & Mississippi Tel. Co.	1855	Western Union Tel. Co.	1859
Nashville Memphis Tel. Co.	1855	Southern Tel. Co.	1862
Morris & Essex Tel. Co.	1855	American Tel. Co.	1864
Star State Tel. Co.	1855	American Tel. Co.	1859
Miss., Tenn. & Ky. Tel. Co.	1856	Southern Western Tel. Co.	1860
Penna. Tel. Co.	1856	Atlantic & Ohio Tel. Co.	1865
Richmond, Charlottesville, & Staunton Tel. Co.	1856	American Tel. Co.	1860
Pacific & Atlantic Tel. Co.	1857	California State Tel. Co.	1862
Syracuse, Oswego & Ogdensburg Tel. Co.	1857	New York, Albany & Buffalo Mag. Tel. Co.	1860
Washington & Memphis Tel. Co.	1857	American Tel. Co.	1859
Kansas Tel. Co.	1857	Western Union Tel. Co.	1861
Cincinnati & Sandusky Tel. Co.	1858	Western Union Tel. Co.	1864
Placerville & Humbolt Tel. Co.	1858	California State Tel. Co.	1860
South Western Tel. Co.	1858	American Tel. Co.	1860
East Tenn. Tel. Co.	1858	American Tel. Co.	1861
Cape Ann Tel. Co.	1858	American Tel. Co.	1860
North Alabama Tel. Co.	1858	American Tel. Co.	1860
Worcester & Nashua Tel. Co.	1859	Southwestern Tel. Co.	1861
Bay State Tel. Co.	1859	American Tel. Co.	1860
Macon & Western Branch Tel. Co.	1859	American Tel. Co.	1866
U. S. Tel. Co.	1859	Western Union	1865
Overland Tel. Co.	1859	Western Union	1862
Confederated Tel. Co.	1859	California State Tel. Co.	1862
Concord & W. Mountain Tel. Co.	1860	American Tel. Co.	1861
Missouri & Western Tel. Co.	1860	American Tel. Co.	1865
Long Beach & Sandy Hook Tel. Co.	1860	Western Union Tel. Co.	1864
Syracuse & Bing. Tel. Co.	1860	American Tel. Co.	1862
		Ne v York, Albany & Buffalo Tel. Co.	

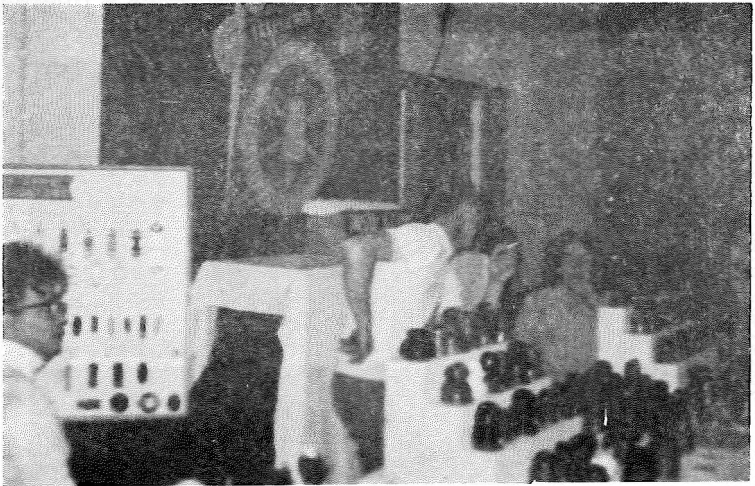
Virginia Tel. Co.	1869	Western Union Tel. Co.	1878
Deseret Tel. Co.	1870	Western Union Tel. Co.	1874
Marine & Inland Tel. Co.	1871	Continental Tel. Co.	1878
Michigan Tel. Co.	1871	Western Union Tel. Co.	1883
Utah Western Tel. Co.	1872	Western Union Tel. Co.	1875
Rocky Mt. Tel. Co.	1874	Western Union Tel. Co.	1875
Grinnell & Montezuma Tel. Co.	1874	Western Union Tel. Co.	1876
Great Western Tel. Co.	1874	American Union Tel. Co.	1879
Greenville & Vicksburg Tel. Co.	1875	Western Union Tel. Co.	1876
New Jersey & G. E. Tel. Co.	1875	Western Union Tel. Co.	1878
Pensacola Tel. Co.	1876	Continental Tel. Co.	1886
American Tel. Co.	1876	Western Union Tel. Co.	1878
North Pacific Tel. Co.	1876	Western Union Tel. Co.	1877
No. Amer. Msg. & News Trans Co.	1876	Continental Tel. Co.	1879
Continental Tel. Co.	1877	Western Union Tel. Co.	1882
Brooks Underground Tel. Co.	1877	Western Union Tel. Co.	1880
Pee Dee Tel. Co.	1878	Western Union Tel. Co.	1880
Central Union Tel. Co.	1878	American Union Tel. Co.	1879
American Union Tel. Co.	1878	Western Union Tel. Co.	1882
Providence & Pascoag Tel. Co.	1878	American Union Tel. Co.	1881
Empire Tel. Co.	1879	American Union Tel.	1880
Catskill, Cario & Windham Tel. Co.	1879	American Union Tel.	1880
Mutual Union Tel. Co.	1879	Western Union Tel. Co.	1883
American Rapid Tel. Co.	1879	Western Union Tel. Co.	1894
New York & Southern Tel.	1880	Western Union Tel. Co.	1882
Eastern Tel. Co.	1880	Mutual Union Tel. Co.	1881
Penna. Tel Co. (Warren Co)	1881	Western Union Tel. Co.	1889
Florida Tel. Co.	1882	Western Union Tel. Co.	1885
Arkansas Tel. Co.	1883	Western Union Tel. Co.	1886
National Tel. Co.	1885	Baltimore & Ohio Tel. Co.	1886
Baltimore Tel. Co.	1885	Western Union Tel. Co.	1888
Harstowen Tel. Co.	1886	Western Union Tel. Co.	1888
Sandy Hook, Quarantine & City Island Tel. Co.	1886	Western Union Tel. Co.	1890
San Antonia & Arkansas Pass Tel. Co.	1886	Western Union Tel. Co.	1880
Owensboro & Evansville Tel. Co.	1887	Western Union Tel. Co.	1889
Arizona Tel. Co.	1894	Western Union Tel. Co.	1897
No. Georgia Tel. Co.	1894	Western Union Tel. Co.	1897



Lubbock, Texas Show.



Joe Halbert and his "Best Novice Glass Display.



Richard and Patty Ann Sharer--on left part of Patty Ann's radio antenna insulators.

## NORTHLAND INSULATOR SHOW

The Northland Insulator Show was held April 14 & 15, 1973, at the Gladstone Community Building in Gladstone, Missouri. We were sorry that more of the collectors in this area didn't take advantage of this show. But the show was a success with collectors from as far away as Minnesota and Oklahoma.

Winner of the CROSS ARMS First Place ribbon was Piper Wrigley of Independence, MO, and Mr. Bruce Olson of Enid, OK, was winner of the second place CROSS ARMS ribbon.

The following are some of the insulators that changed hands: U. S. Tel., smokey sca Star (large signal), amber Hemingray 20 and quite a few less expensive insulators. There were also quite a few lightning rod balls that changed hands.



Piper Wrigley of Independence, MO-winner CROSS ARMS FIRST PLACE.

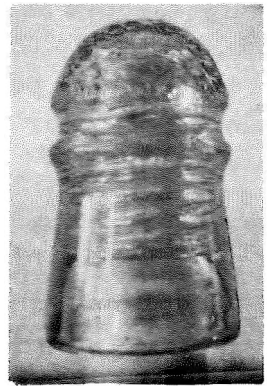
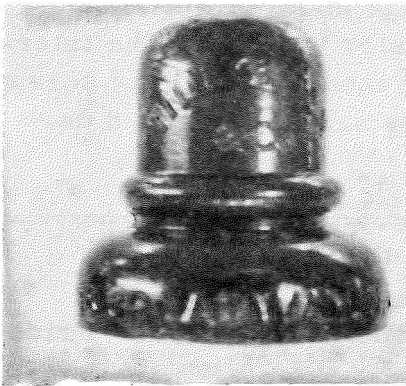
Northland Insulator Show.



right: Bruce Olsen of Enid, OK-winner CROSS ARMS  
2nd place. left: Mrs. Larry Rollins is presenting  
the ribbon.

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left: from Brad & Nancy Cook of Ludlowville, NY, a  
amber -yellow threadless embossed, dome-TILLOTSON  
& CO, skirt- 16 BROADWAY N. Y.  
right:a CD 102, dome embossed-WmBROOKFIELD, the  
embossing looks double-struck and both are very clear  
and exact

## MARKET NEWS



The picture above is a full size photo of a CD 102 cobalt blue pony. This insulator is a fake. The internal threads of this particular insulator will not screw on a pin. The color and glass are new. It is a deliberate hoax.

### Going prices of insulators at the shows.

Manufacturer	CD	Condition	Color	Prices
<u>San Diego Show</u>				
Hemingray 62	252	mint	amber	\$22.50
Locke 14 20	202	mint		12.50
Diamond	190/91	mint	SCA	10.00
Brookfield	102	mint	SCA	10.00
Brookfield	162	mint		2.00

Market News, cont.

San Francisco

wood cable similar to	253	mint	15.00
-----------------------	-----	------	-------

Rehoboth Beach, Delaware Show. ==auction prices.

#3 Cable		good	green	5.00
Chicago groove	135	bs. chip		40.00
No. 2 Columbia	262	mint		60.00
AU	425	mint		70.00
Agee	452	mint	purple	5.00
D-512 Hem.	230	mint	carnival	7.00

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Hemingray 42 World's Fair miniatures--There are two different types presently making the rounds.

1. Original--very clear embossing, very detailed in respect to the wire groove, inner skirt, etc.
2. Pieces pressed from the original mold. Although the original mold was used, the new pieces are very poorly embossed, the inner skirt is extended longer than the original and the drip points are barely discernable.

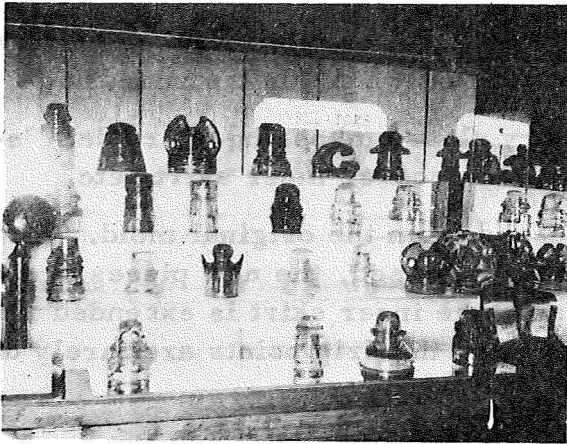
The rerun pieces are being sold by L. S. Veneziano of Illinois at \$2.00 each. However, some are being passed off by other people as originals. Again CROSS ARMS stress--know your dealer's reputation.

# SAN DIEGO SHOW

by Addie

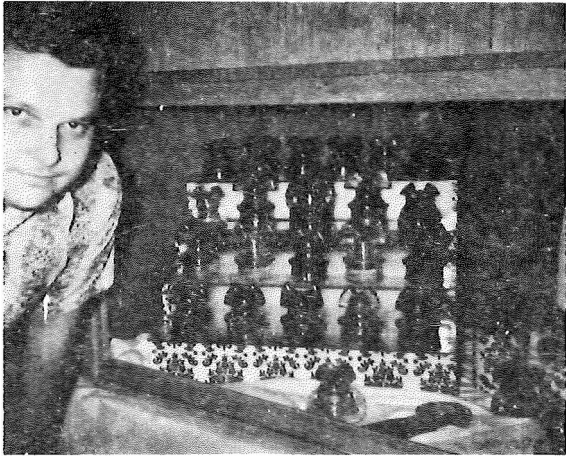
San Diego Antique Bottle Club sponsored their 8th annual show May 5-6. This was a well organized show and everyone was so nice and helpful! There were 5 insulator displays with 1st place award to Paul Iverson, 2nd places to Maury Tasem, Bruce Young and Danny Veits, and juniors' 3rd place to Mark Iverson all from San Diego area.

This was a bottle show with 4 tables mainly of insulators. There was no rare glass but a lot of good glass with prices to match. San Diego area insulator collectors are buying and insulators are moving well.

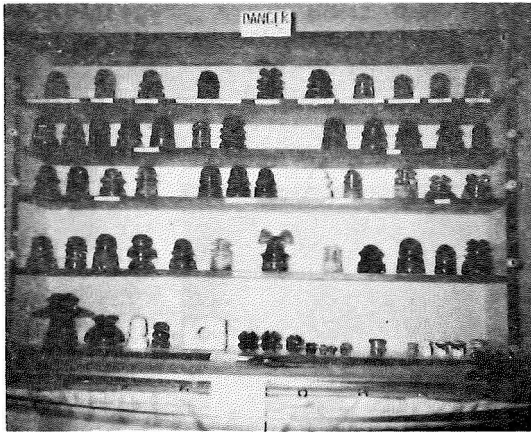


**First Place-Paul Iverson**

San Diego Show.

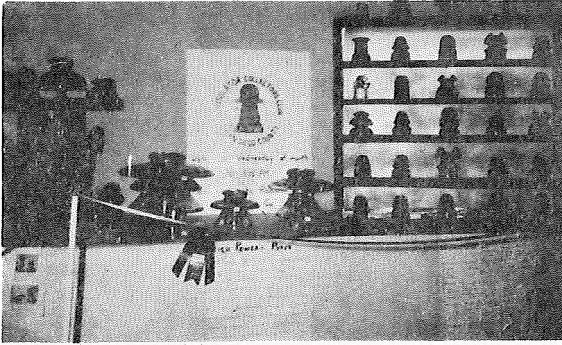


2nd Place-Bruce Young's cable insulators.

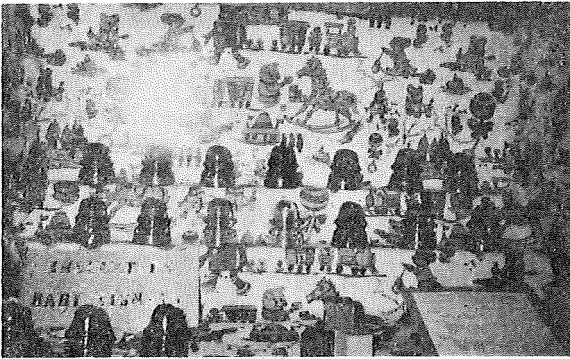


2nd place- Danny Veits

San Diego Show



Maury Tasem 2nd Place



3rd Place,  
junior division,  
Mark Iverson's  
baby signals.



Jay Font from  
Lancaster, CA.  
He is holding  
A CD 113  
no name.



## NORTHWEST BOTTLE SHOW AND SALE

by Barbara Cothern

Insulators and insulator collectors made more than a modest appearance at the Northwest Bottle Show and Sale sponsored by the Gem Antique Bottlecollectors Assn. April 7 and 8 at Boise, Idaho's Rodeway Inn and Convention Center. Most buying and selling occurred in lower priced insulators with considerable trading going on for the moderately priced. A few that changed hands included Chicago Diamond Groove, C. E. W. pony, Foree Bain and Withycomb.

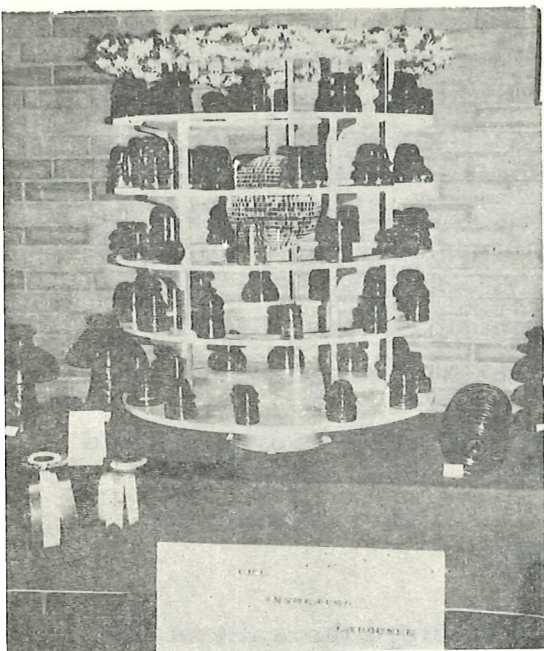
Of the 48 sales tables available, eleven were occupied by insulator people from five western states. The Richters received a trophy for having traveled the longest distance to the show.

Some fifty competitive displays lined the walls of the convention center, five of which were entered in the insulator category. Pictures follow of the ribbon winners.

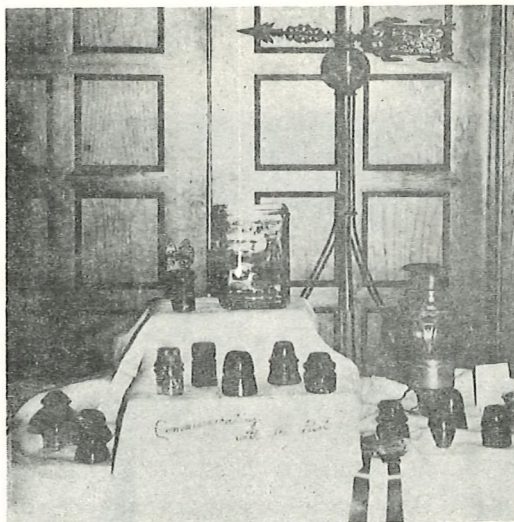


Harold Utke, Newburg, Oregon, 1st show ribbon,  
1st "Crown Jewels."

Northwest Bottle Show and Sale.



Ray Hansen.  
Wallace Idaho,  
2nd show  
ribbon, first  
CROSS ARMS.



John Cothern, Buhl, Idaho, 2nd CROSS ARMS.

CLASSIFIED ADS

Collection of 135 glass insulators for sale to highest bidder over \$550.00. Contact Russell A. Wagner, 118 Spring St. Marietta, Ohio 45750. Phone (614) 373-0326.

CD 263 #2 Columbia, ice, mint	\$150.00
CD 402 Amer. Pont, smooth dome NM	50.00
CD 133 Oakman Pat'd Sept 13, 81 (very crude 1 wire groove chip) rare	200.00
CD 263 Columbia, mint	50.00
CD 252 Gayner 620 NM	40.00
CD 254 #3 Cable, mint	25.00
CD 267 #4 Cable, NM	140.00
CD 117 Ampersand, olive green, unusual color VNM	75.00
CD 178 Santa Ana, green, VNM	20.00
CD 103 "B" green	20.00

Satisfaction guaranteed. Jerry Wagner, 15 N. Demarest Ave., Bergenfield, NJ 07621.

SEARCHING FOR RAMSHORNS & THREADLESS. I have many nice pieces of glass and am willing to part with them in exchange for threadless or different ramshorns. Drop me a line, let's make a deal. All letters answered. Bob Wilson, 12612 Chilton Rd., Philadelphia, PA 19154, (215) NE 7-9435.

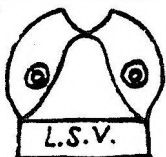
FOR SALE-Canadian insulators. CNR-\$9; CNR standard-\$7; GTP (various)-\$13; GTP-TEL-CO-\$9; Canadian Pacific RY CO-\$14; No name CD 145 (peach pink)-\$11. Also have ponies and other insulators for trade. B. Carrigy, 14216-57 Ave, Edmonton, Alberta, Canada.

CD 416	B vnm	\$100
CD 457	Standard vvm+	75
CD 143	Canadian Pacific-vertical & horizontal ridges-normal ridge flaking	50
CD 185	Mine Insulator-flat rim chip	35
CD 263	Columbia Pat'd May12, 1891 (cpl. chs)	40
CD 456	Am Ins Co	25
CD 157	Brookfield	17
CD 143	Montreal Tel. Co.-couple bs. chips	20
CD 200	Star-lg shoulder ch. on rear, displays very well	25
CD 134	T-H. E. Co.	8
CD 134	G. E. Co.	7

Will consider any trades-looking for good color.  
 Postage & insurance extra. Doug MacGillvary, 51  
 Avondale Rd., Manchester, CT 06040 (203) 649-0477

FOR TRADE ONLY: CD ??? B. E. L. CO. thru hole-  
 (see CROSS ARMS , April '73, pg. 17) Beautiful light  
 aqua, mint condition. Want embossed threadless  
 only. Mint or near mint condition. Repaired not  
 accepted. Postage and Insurance extra. Mr.  
 Stephen E. Bobb, 610 Northampton Rd., Norristown,  
 PA 19401 PH. 1-(215) 539-6533.

FOR SALE - GLASS INSULATORS: PRIVATE ISSUE  
 No 2 / Columbia / LSV (Milholland New Book page  
 181 CD 262) NOW Available in COBALT BLUE AND  
 GREEN GLASS. Mint @ 20.00 each VNM @ 15.00  
 each plus 1.00 post. NEW Milholland REVISED Book  
 AND Price list a 10.00.



VENEZIANO  
 324 Hawthorne  
 Bensenville, Ill 60106



FOR SALE OR TRADE: Flat top and slot top ballerinas, both long skirt and short skirt; Locke CD 288, dated; Mershon; Locke 23, few chips; yellow amber H. G. C CD 145, others. John Cothorn, Rt. 1, Buhl, Idaho 83316.

COLLECTORS ITEMS==for those who wish complete set of Milholland's insulator books. ---

Milholland's first book \$3.25 PP

Milholland's #2 Book 4.50 PP

Milhollands first Hard Cover Book 10.00 PP

Marion C. Milholland, Route 2 Box 368, Sequim, WA 98382

106 C. E. W. aqua M. -\$65.00; 106 Hemingray #9, SCA M-\$20.00; 112 Hawley keg, aqua, NM-\$10.00; 426 W. E. Mfg. Co., aqua, NM-\$15.00; 133 Pat. App. For "Brooks Blue NM-\$15.00; 133 Homer Brooks "Brooks Blue" VNM-\$45.00; 134 C. E. L. Co., aqua, NM-\$20.00; 145 W. Brookfield, dark SCA, VNM-\$40.00; 160 Lynchburg, aqua, M-\$15.00; 168 D-510, carnival NM-\$12.00; 461 Standard Glass Co. "Boston" lt blue, M-\$110.00; Persian Glass, lt green, crude, M-\$40.00. Postage extra. Larry Rollins, 7002 Kessler, Merriam, Kansas 66204

Gerald Brown's "SECOND EDITION"  
of "COLLECTABLE PORCELAIN INSULATORS"

Not a supplement.

A COMPLETE guide for porcelain insulator collectors.

175 pages 8½" x 11" Plastic ring binding

Pictures and drawings describe over 700 porcelain insulators.

\$6.00 P.P.)

From Author Gerald Brown  
Two Buttes, Co. 81084

"INSULATORS FOR SALE or TRADE" Cash prices as follows (trade higher): VNM or mint below unless stated otherwise-No 2 Columbia, green-\$140.00; No 3 Cable, aqua, \$20.00; 54 A/B two piece trans-\$35.00; Hemingray 55-\$4.00; green Manhattan-\$40.00; 171 carnival-\$20.00; 453 carnival-\$35.00; aqua Mickey Mouse wide groove-\$12.00, narrow groove \$8.00; clear wide groove Mickey Mouse-\$6.00; Oakman rim embossed helmet-\$22.50; Tatum #1, purple-\$4.50; Brookfield transposition (inner skirt chips)-\$5.00; 511A amber, Tatum-\$4.00; Hemingray Columbia-\$50.00; 70 helmet-\$100.00. All above plus postage--also buying threadless and rarer types. L. Veneziano, 8310 Center, Rivergrove, IL 60171.

FOR SALE OR TRADE FOR RARE OR THREADLESS

CD 436 ERW mint (blue)	\$275
CD 437 Winged Chambers, minor wind dam.	315
CD 701 Egg, aqua, rare, wire groove dam.	125
Mine threadless, green, nm	50
CD 731 Unembossed McKee, aqua, mint	90
CD 735 Mulford & Biddle, without UPRR, aqua	
1 stress crack	120
CD 735 Mulford & Biddle, UPRR, cobalt sm.	
ridge chips	190
CD 735 Mulford & Biddle, green, ch removes	
part of UPRR	55
CD 127 W 1 on dome, aqua, mint	90
CD 104 Agee, royal purple, mint	25
Porcelain Cutter, mint	30

William P. Cosner, Box A, New Hope, PA 18938  
(215) 862-2039.

Specialty collector needs better and unusual CD 160 and Amer. Ins. Co. Jerry Wagner, 15 N. Demarest Ave., Bergenfield, N.J. 07621.

FOR SALE only- CD 254, No 3 CABLE, smooth base-\$25.00 each, \$125.00 for 6. R. D. Wing, 28439 Rosslyn, Garden City, Mich. 48135. (313) 421-1067.

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LIGHTNING ROD BALLS: Plain round 4 1/2-amber, \$5.00-G. M. G., \$6.00-red, \$10.00; Moon & Stars, B. M. G., \$10.00; National round, B. M. G., \$12.00; Quilt, flat, B. M. G., \$20.00; Quilt, raised, W. M. G., \$10.00; R. H. F., W. M. G., \$30.00; Grape W. M. G., \$10.00, G. M. G., \$20.00; Swirl, amber, \$30.00; Red Star Pattern Arrow, \$25.00 (old). PrePaid over \$25.00. Will trade for glass balls only. Send S. A. S. E. for large list. Charles Irons, Jr. #3 Elizabeth St., Milford, DE 19963.

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For Sale-(CD 145) in mint to near mint condition. G. T. P. aqua, ice blue-\$10.00; G. T. P. Tel Co aqua, ice blue-\$11.00; G. T. P. /B emerald green-\$25; T. C. R. aqua-\$12; E. D. R. aqua-\$60; Brookfield 44 emerald green-\$25; C. P. R. porcelain-\$7; Gisborne porcelain-\$12; 1678 aqua-\$15; CD 102 Diamond in purple, amber, olive. CD 190 and CD 191 Diamond royal purple, aqua. Brookfields in green. Peter Nakonechny, Ruthilda, Sask, Canada.

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CD 124 Hemingray No. 4, aqua, NM \$4, M \$6; CD 113 Whitall-Tatum No 13, straw, M \$7; CD 263 Columbia VNM \$50- M \$55; CD 162 H. G. Co, amber, no drips, M \$75; CD 107 Birmingham, straw, M \$25; CD 122 Hemingray 16 bright 7-up green, M \$5; CD 433, Hemingray #3, aqua, NM \$5- M \$9; CD 151 H. G. Co. N. A. T. Co., aqua, NM \$6; CD 257 Hemingray 60 clear, M \$3; CD 154 Whitall-Tatum #1 S. C. A., M \$4; CD 712 Hemingray 518, clear, M \$3. Plus postage on orders under \$25. Paul McManis, Route 1, Box 116, Excelsior, Minn. 55331, (612) 474-3541.

PORCELAIN INSULATORS GUIDE BOOK FOR COLLECTORS, a comprehensive original research book and complete collector's reference for unipart pin type porcelains. Universal Style Chart with scale drawings of every unipart pin type shape, manufacturer's markings, pricing guide, company histories, etc. The standard for collectors and mail traders. Hardbound, 206 pages, \$10 postpaid. Also 1972 Supplement, \$1.95 postpaid. Jack H. Tod CA, 3427 N. 47th Place, Phoenix, Arizona, 85018.

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For Sale-CD 152 Brookfields-\$5.00-mint, n. min' \$4.00, also porcelain Locke 9 (emboss) \$10.00, CD 147 Spiral groove dated, green-\$6.00, CD 147 spiral groove, Hem. dated, aqua-\$10.00. Gerald F. Johnston, 4829 E. Sanilac Rd. Kingston, MI 48741.

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CD 178 Santa Ana, aqua-\$20.00, lt aqua-\$25, powder blue, moss green-\$30; CD 102 C. G. I. purple, sage green, smoke-\$10; S. F. aqua-\$3, green-\$6, Star, aqua, drip points-\$10; CD 106 Maydwell, light purple-\$10, McLaughlin 9, lime green-\$6, O. V. G. -\$6; CD 121 pleated skirt, powder blue-\$12; CD 122 Lynchburg 30-\$10, Maydwell, lt. green, straw, off clear-\$6; CD 121 McLaughlin 16, black glass amber-\$6, black olive green-\$7; CD 162 Hem. 19, no drip points-\$15; Maydwell, pink-\$10, McLaughlin 19, delft blue-\$10, emerald green-\$10, lt. green-\$5, N.E. G. M. -\$5; CD 160 McLaughlin black glass olive green-\$10, lt. green or sage-\$6; CD 161 California sage green, aqua, smoke-\$6, purple-\$10, burgundy-\$12. All mint or NEAR. Have lots of porcelain ask for wants, Cobalts, white, powder blue, sky blue-\$3 ea. Dee Willett, 1930 Lucky St., Bakersfield, CA 93307 Ph. (805) 327-8275.



ye 2<sup>ND</sup>  
ANNUAL

# DELAWARE VALLEY BOTTLE CLUB BOTTLE & INSULATOR SHOW & SALE AT THE V.F.W. FORREST LODGE...

OLD ROUTE 309 SELLERSVILLE, PENNIA.  
SEPTEMBER 16<sup>TH</sup> 10A.M. TO 5 P.M.



INKS "GO WITHS"  
FRUIT JARS HOUSEHOLDS  
MEDICINES FOR BEAST & MAN  
SODAS BEERS FLASKS  
FIGURALS PERFUMES  
ETC - - - ETC - - - ETC - - - ETC - -

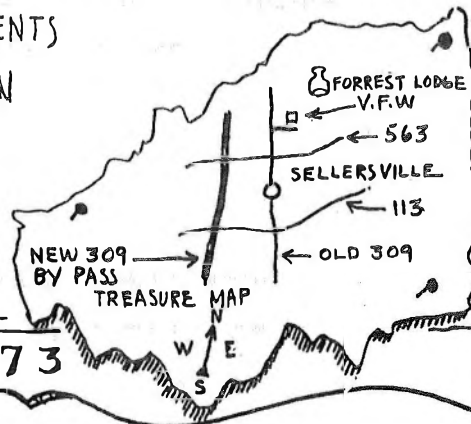
HEATED SHELTER, REFRESHMENTS

\$ 1.00 ADHISSION

**FREE PARKING**

FOR INFORMATION

CONTACT BOB ESSICK  
BOX 19 REVERE, PA. 18953



1973

INSULATORS-BARBED WIRE & RELATED ITEMS  
SWAP-SHOW-SELL

FORT SCOTT, KANSAS  
4-H BLDG. & MERCHANTS BLDG.  
FAIRGROUNDS -- 22ND & HORTON

JUNE 9-10, 1973  
SAT. 9 A.M. TO 9 P.M. SUN. 9 A.M. TO ?  
Sale Tables 8'  
TABLE SPACE \$7 FOR 2 DAYS - \$4 FOR 1 DAY

FOOD WILL BE SERVED IN BUILDING  
PLENTY OF FREE PARKING  
FREE ADMISSION

SPONSORED BY BOURBON COUNTY INSULATOR AND BARBED WIRE CLUB

CONTACT:

PAUL SCHROADTER  
912 S. MARGRAVE  
FORT SCOTT, KANS. 66701  
(316) 223-0371

EDNA (BILLIE) WOOD  
RFD 1 - BOX 8  
FORT SCOTT, KANS. 66701  
(316) 223-3980

CROWN JEWELS AND CROSS ARMS RIBBONS WILL BE AWARDED.

ADMISSION 50c  
**COLLECTORS JAMBOREE**  
ADMISSION 50c  
BUY -- SELL -- TRADE  
**FRESNO FAIRGROUNDS**  
AUGUST 11 and 12 -- SAT. and SUN.

OVER 150 DEALERS

80  
TABLES  
FOR



Antique Furniture	Bottles and Insulators
Clocks, Coins	Indian Artifacts
Western Art	Date Nails - Barbed Wire
Old Guns	Cut Glass
Depression Glass	Carnival Glass

JUNIOR EXHIBIT BLDG. BUTLER ENTRANCE

HOURS... SAT. 9 to 7 SUN. 9 to 5

FOR INFORMATION

Bill Heitkoter  
35 E. Cornell  
Fresno, Calif. 93705  
Phone (209) 224-1478

WANTED: Ramshorns embossed; GOODYEAR. I've many, many pieces of glass for trade, also cash. All letters answered. Write: Bob Wilson, 12612 Chilton Rd., Phila. PA 19154. Ph. (215) NE 7-9435.

FOR SALE-Set of 8 original colors of Pioneer Commercial insulators. All mint. \$150.00. B.J. Mack, 3435 Bentley Ave., Los Angeles, CA 90034.

CD#	QUANTITY	NAME	COLOR	CONDITION	PRICE EACH
102	1	NONE	LIGHT AQUA	MINT	\$15.00
		DOME EMBOSSED--CHRISTIAN CROSS PATENT	JAN5 1870 JAN 14 1889		
102	1	NONE	LIGHT AQUA	MINT	4.00
133	1	BROOKFIELD NEW YORK	SCA FAIRLY GOOD COLOR	SMALL ISC	25.00
134	2	W.F.O.CO. DENVER COLO	OFF CLEAR	MINT-V.V.N.M.	10.00
137	2	HEMINGRAY D990	CLEAR	MINT	3.00
160	1	CALIFORNIA	LT. PURPLE	ISC	9.00
	1	CALIFORNIA	SMOKE	MINT	9.00
145	1	B (WITH DRIPS)	AQUA	MINT	10.00
162	1	FT. W.E.CO.	LIGHT AQUA	V.V.N.M.	48.00
	1	FT. W.E. CO	LIGHT AQUA	V.N.M.	45.00
	1	H.G.CO. (NO DRIPS)	AMBER	V.N.M.	40.00
	1	H.G.CO. (NO DRIPS)	COBA LT	CHIP ON WIRE GR.	45.00
	1	HEMI. PATENT PETTICOAT	AMBER	V.N.M.	12.00
	1	STAR	LIGHT BLUE	MINT	10.00
164	2	WYDWELL 20	MILK GLASS	MINT	8.00
171707	1	W. BROOKFIELD NEW YORK (RARE RARE)	PURPLE	SOLID MINT	82.50
175	12	HEMI. 25	AQUA	MINT-V.V.N.M.	7.50
194	2	HEMINGRAY 54A 54B	PURPLE	MINT	37.50
195					
200	1	No 2 TRANSPOSITION	AQUA	N.M. ALMOST V.N.M	18.00
201	1	HEMI. No 2 TRANS	AQUA	ISC	8.00
205	1	BROOKFIELD No 53 TRANS (RARE RARE)	GREEN	SMALL ISC	28.00
	2	LYNCHBURG 530 WITH DRIPS (RARE)	AQUA	V.V.N.M.	33.00
	2	QAYNER 530 WITH DRIPS	LIGHT GREEN	MINT-V.V.N.M.	15.00
	5	BROOKFIELD	GREEN	MINT-V.V.N.M.	7.00
	3	BROOKFIELD No 3 TRANS	GREEN	MINT-V.V.N.M.	8.00
	8	QAYNER 530 NO DRIPS	AQUA	MINT	10.00
	4	LYNCHBURG 530 NO DRIPS	AQUA	MINT-V.V.N.M.	14.00
251	1	NEOM	AQUA	SOLID MINT	20.00
252	1	LYNCHBURG No 2	LIGHT GREEN	N.M. ALMOST V.N.	10.00
	1	KNOWLES CABLE INSULATOR	BLUSH	MINT	21.00
	1	HEMINGRAY 62	CLEAR	MINT	5.00
	1	WYDWELL 62	DARK STRAW (YELLOW)	N.M. ALMOST V.N.M	14.00
	1	WYDWELL 62	LIGHT STRAW	MINT	14.00
	2	McLAUGHLIN 62	LIGHT BLUE	V.N.M.	12.00
	3	McLAUGHLIN 62	LIGHT GREEN	MINT	10.00
	2	McLAUGHLIN 62	GREEN	V.V.N.M.	10.00
256	1	MANHATTAN (PATENT DATE)	GREEN	V.N.M.	50.00
	1	MANHATTAN (PATENT DATE)	BLUE AQUA	V.N.M.	25.00
	1	MANHATTAN (NO PATENT DATE)	BLUE AQUA	V.N.M.	22.50
254	2	HEMINGARY No 3 CABLE (NO DRIPS)	AQUA	V.V.N.M.	40.00
257	1	HEMI. 2 PATENT DATE	PEACOCK BLUE	V.V.N.M.	82.50
259	1	OSKMAN RIM EMBOSSED	AQUA	V.N.M.	17.00
263	1	HEMI. COLUMBIA (WITH DRIPS)	AQUA	V.N.M.	70.00
---	4	SMALL PORC. HELMETS	REDISH BROWN-BROWN	MINT	6.00
---	4	LARGE PORC. HELMETS	REDISH BROWN-BROWN	MINT	6.00
---	8	THOMAS LARGE PORC. HELMETS	REDISH BROWN-BROWN	MINT	7.00
---	1	LARGE PORC. HELMET	WHITE	N.M.	4.00
---	1	NO NAME 1 PIECE PEECE TRANS.	BROWN	MINT	18.00
190-7A	1	HEMI. 50	CLEAR	MINT	5.00

ROBERT H. GREEN 1703 NE 72 TERR. GIADSTONE. MISSOURI 64118 PHONE 1-816-OR 6-0953  
POSTAGE AND INS. \$1.00 FOR FIRST AND .50 CENTS FOR EACH ADDITIONAL INSULATOR

\* \* \* \* \*  
 \* Yankee Polecats Insulator Club \*  
 \* SWAP MEET AND SHOW \*  
 \* Sunday, June 24 9:00 A. M. - 4:00 P. M. \*  
 \* Bridgewater Vets Club - Bridgewater, Mass. \*  
 \* Tables: Club members-\$3.00; Non-members-\$4.00 \*  
 \* GENERAL ADMISSION- 25¢ (children under 12 free) \*  
 \* Doors open to the public at 12:00 noon \*  
 \* Food and beverage will be available \*  
 \* YOU MAY MAIL YOUR RESERVATIONS TO: \*  
 \* Judy Cossaboom Jan Macomber \*  
 \* 15 Springhill Ave. 1 Rose Point Ave. \*  
 \* Bridgewater, Mass W. Wareham, Mass. \*  
 \* 02324 02576 \*  
 \* Tel. (617) 697-4470 Tel. (617) 748-0654 \*  
 \* \* \* \* \*

Cash for rare insulators. Unusual shapes and colors,  
 threadless, cobalt, etc. Paul Kelly, 401 National  
 Bank Bldg., South Bend, Ind. 46601.

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FOR SALE- \$1.50 each or 6 for \$8.00. Postage &  
 insurance extra, excess refunded. The following CD  
 numbers- CD 133 no name no. 20, aqua; 145 Star  
 bullet top or tall slim, aqua; 145 N. E. G. M. (chip  
 bottom) C. B.; 252 Hemingray 62 cor. B., clear;  
 128 pyrex, clear; 168 Hemingray D-51C, clear, ice;  
 164 Maydwell 20 straw or off clear; 164 McLaughlin  
 20, 1. green; 102 (diamond), aqua; 147 Hemingray or  
 no name; 214 Hemingray 43, aqua or clear. Please  
 give alternate numbers. All insulators V. N. M. to  
 Mint. Walter Eriksen, 2118-50 Ave. N. E., Puyallup,  
 Washington, 98371.

---

Will trade insulators for brass railroad locks, or any  
 padlock embossed Winchester or Keen Kutter. Dave  
 Fullmer, 18148 Gresham Northridge, Calif. 91324.

# 2<sup>ND</sup> ANNUAL

## WEST COAST NATIONAL INSULATOR SHOW

### BIG 3 DAY MEET

September 1, 2, 3, 1973

ALL NEW BAKERSFIELD ELKS LODGE HALL

### BAKERSFIELD, CALIFORNIA

Sale Tables 8'-0"

3 Days \$ 25.00

2 Days \$ 20.00 - 1 Day \$ 12.50

Display Tables 3'-0" & 6'-0"

Limited Quantity

Free

#### CROSS ARMS RIBBON AWARDED

*Crown Jewels Ribbon and Trophies Awarded*

Floors Carpeted

Tables Covered

FOOD, DRINK AND ROOMS AVAILABLE

For Further Information and Reservations Contact

Chuck Henry

7400 Pembroke Ave.

Bakersfield, California, 93308

Ph. 805-399-8892

Orval Smith

814 Wilson Ave.

Oildale, California, 93308

Ph. 805-399-8487

OR

BOTTLES WELCOME

431 L. G. T. Co. , aqua, nm	\$ 48
196 H. G. CO. , transposition, aqua, nm	15
131 Brookes Pat, with Tillotson on dome, aqua, nm	130
431 Hemingray 1, old style, aqua, vnm	65
162 Hemingray 19, flashed amber, rare, mint	15
232 Hemingray D-512, carnival, nice color, mint	19
734 McMicking, threadless, aqua, vnm	295
120 K. C. G. W. pony, aqua, vnm, v. rare, gd emb.	70
102 Westinghouse 3, pony, deep sky blue, mint	165
151 N. A. T. Co. , cobalt blue, nm	70
-- One Piece brown porcelain transposition, nm	10

SASE for a complete listing of over 200 others. Jack Riesselman, 736 S. 45th. , Lincoln, Nebraska. PH. 402-489-8495 or 423-9019.

---

Huge list of insulators and lightning rod balls for sale. SASE Paul McManis, (CA) Route 1, Box 116, Excelsior, MINN. 55331.

---

INSULATOR BOOKS POSTPAID ! MILHOLLAND'S MOST ABOUT GLASS INSULATORS, 2000 PRICED, 250 PAGES, HARD COVER \$10.00. WOODWARD'S REPORT CD NUMBERS AND HISTORY \$4. 25. KNOWLES 1902 CATALOGUE REPRINT 50 PAGES \$3.00. LOCKE REPRINT 64 PAGES \$3.00. ABOVE PAIR \$5.00. TOD'S PORCELAIN INSULATORS 203 PAGES, PRICING FORMULA, HARD COVER \$10.00. MILHOLLAND'S BOOK "TWO" PRICES 1000 INSULATORS \$4.50. DELLING BEFORE THREADS \$3.00 STUART'S INSULATOR GUIDE, SOME COLOR PICTURES, PRICES \$4.95. Peters Books, 1240 West Kearney, Fresno, California 93706.

---

Insulator-bumper stickers-beautiful blue, feature No 4 Cable, painted on long lasting vinyl material with peel off backing. Only 50¢ each or three for \$1.00 plus large SASE. Robert Gilbert, 245 Coldstream, Frankfort, KY

# FIRST PENNSYLVANIA INSULATOR SHOW

JUNE 10, 1973

Show site at one of Pennsylvania's finest--The Embers Room of the Quality Inn and Embers Restaurant, Carlisle, PA. Call toll free for motel reservations (800-323-5151) or send for list of nearby motels or camping areas.

## CARLISLE PA

Dealer set up time 6-8 a. m.

Open to public 8 a. m. -5 p. m.

Admission. \$ .75

Full table. \$7.50

Half table. \$4.50

Awards

Door prizes

Quality food

Cocktail lounge

Display tables free of charge, but limited amount available. Reservations needed by June 2. Refunds up to May 19.

Send payments to: Edward Szymala  
J-137 Belmont Plaza Apts.  
King of Prussia, PA 19406  
Phone (215) 265-6679

The promoter will not be responsible for fire, theft or accidents.

102 dark aqua (with snow)	Brookfield	\$1.00
102 aqua (dome emb)	WM Brookfield	5.00
102 aqua (dome emb)	W Brookfield	2.00
102 aqua (Sterling stamp'd out)	Hawley, Pa	10.00
106 clear	Maydwell 9	4.00
115 clear	Maydwell 10	4.00
120 aqua (drips)	Dec 19, 1871	15.00
121 aqua (dome emb.)	AM TEL & TEL CO	2.00
133 aqua	H. G. CO Standard	2.00
137 green	Hemi 990	3.00
145 aqua (reg. "S")	Hawley, Pa	5.00
162 olive	star	6.00
162 green-aqua	McLaughlin 19	3.00
162 blue	McLaughlin 19	5.00
162 pinkish	Maydwell 19	6.00
187 aqua	Pat'd Nov. 23, 1886	3.00
188 aqua (dark)	Pat'd Nov. 23, 1886	5.00
168 clear	Hemi D 510	1.00

Satisfaction guaranteed. All insulators listed are mint. Postage prepaid. Make checks or money order payable to Ferd Huber, 385 Allendale Rd., King of Prussia, PA 19406.

---

WANT TO TRADE for the following transpositions: CD 190. 91 single tops or bottoms all kinds except Hemingray; CD 200 Brookfield, Star with drips, no embossing; CD 201 Hemingray No 52, H. G. Co; CD 202 Knowles with drips, Brookfield No. 51; CD 203 Armstrong with 4 grooves; also different color variations. Complete description please. Harold Downing, Grant City, MO 64456.

---

New England Tel & Tel, CD 104. Near mint-mint \$1.75. Good-fine \$1.00. Special; 10 different insulators for \$7.50. Prices plus postage, satisfaction guaranteed. Small list of low priced insulators available. Octagon House, Rt. 2-C, Litchfield, ME 04350



**JUMBO  
SHOW**

**2ND**

**JUMBO  
SHOW**

# CHICAGO MID-WEST NATIONAL INSULATOR

**SHOW**

**KANE COUNTY FAIRGROUNDS**

**Oct. 12 - 13 - 14**

**FREE FRIDAY - "Wheeler - Dealer" Day**

**Dick Augustyn**



**Larry Veneziano**

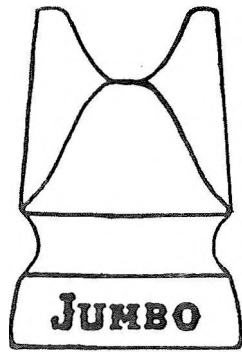
**Acres of Parking  
200 plus Tables  
Super Large Bldg.  
Dealer Collector  
Display Tables  
Show Ribbons  
Awards  
Food Served**

**Admission to Fairgrounds  
\$1.00 Each**

**No Additional Admission  
Inside - Or - Outside**

**Display Tables Welcomed**

**A SPECIAL FEATURE:  
LIGHTNING ROD BALLS  
WEATHER VANES AND ARROWS**



**SHOW**

**FAIRGROUNDS**

**(on Randall Rd.)**

**Thru St. Charles On Rt. 64**

**St. Charles, ILL.**

**JUMBO SHOW**

**Time**

**8 a.m. TO 6 p.m.**

**200 plus Tables**

**Acres of Parking**

**For Reservations:**

**Veneziano**

**324 Hawthorne Dr.**

**Bensenville, Ill. 60106**

**Phone (312) 766-3705**

**FREE FRIDAY**

**Wheeler - Dealer " Day**

	1 - TABLE	1 - DAY	\$ 12.00
	1 - TABLE	2 - DAYS	\$ 20.00
<b>BOTTLES WELCOME</b>	2 - TABLES	2 - DAYS	\$ 30.00
	3 - TABLES	2 - DAYS	\$ 45.00

**(BOOTH)**

NOTICE - NEW BOOK - "THE GLASS INSULATOR - A COMPREHENSIVE REFERENCE" by Greg A. Kareofelas and Gary G. Cranfill. Book contains over 150 pages with price trends. All insulators professionally and beautifully photographed by company. Histories, descriptions, everything the beginner as well as advanced collector needs. Expect publication near May 1, 1973. \$6.00 P.P. from GARY CRANFILL, 5536 Keoncrest #2, Sacramento, California-95841. Still available our best selling book: The Dictionary of Glass-Ceramic Insulators - \$4.25 P.P. Send large stamped envelope for our list of insulators for sale and other insulator materials.

HGCo. beehives wanted in unusual colors. Need cornflower blue, medium and dark purple, light yellow-amber, and others. Have good traders. B. C. Drip, H. B. R., 731, 121 purple R. Good, 113 purple dotted, and others. Also need CD 700. Richard Larson Box 355, Drummond, Montana 59832.

CD 196 H. G. Co., aqua-\$15; CD 116 W. Brookfield-\$25; CD 114 Hemi # 11-\$6; CD 117 &, aqua-\$35; CD 106 Duquesne, aqua-\$7; CD 121 U. S. Tel. Co, aqua-\$10. Ed & Jeannie Szymala, J-137 Belmont Plaza Apts, King of Prussia, PA 19406 (215) 265-6679

THIS SPACE --- and --- over 1,800 subscribers are waiting for your ad.

6. In order to keep CROSS ARMS up to date we would like all reports on shows and swaps sent in no later than 45 days after the show has taken place.

ADVERTISING RATES:

DISPLAY ADS:

1/4 page - \$5.00 per issue  
\* \$12.00 per three issues

1/2 page - \$10.00 per issue  
\* \$25.00 per three issues

Full page - \$18.00 per issue  
\* \$45.00 per three issues

\$.05 per word (minimum \$1.00). The closing date for material will be the 15th of the month preceding the month of the issue.

Ads received too late for the deadline will be run in the next issue.

CROSS ARMS encourages want ads that list the value of the insulators advertized so any ad listing 10 or more insulators with prices will receive an additional one month's free exposure.

J. R. DOUGHERTY  
PRINTING SERVICE

300 PROSPECT AVE., BRIDGEPORT, PA. 19405

Telephone: 272-7394

**CROSS  
ARMS**

367 Signal Hill Road  
King of Prussia, Pa.  
19406

RETURN POSTAGE GUARANTEED

JOHN R. SNYDER  
244 WAGGONER  
TOLEDO, OH 43612

**FIRST CLASS MAIL**

