# **CROSS ARMS**

an insulator collectors' magazine

60 cents

FEBRUARY, 1974

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

- 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.



An Insulator Collector's Magazine

Vol. 3 No. 1

February, 1974

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# SHOWS AND SWAPS

FEBRUARY 9-10W. Palm Beach, Florida2nd Annual Gold Coast Insulator Meet at the Ameri-<br/>can Legion Hall. Info: Chas. Glasgow or A.W.<br/>Merrell, Jr., 501 Monceaux Rd., W. Palm Beach,<br/>Fla. 33405. Phone (305) 833-9714.

# FEBRUARY 16-17 Miami, Florida

8th Annual Bottle and Insulator Show & Sale, Miami Bayfront Auditorium. Info: B.W. Yarbrough, 9901 S.W. 138 St., Miami, Fla. 33158 (305) 238-5268.

### FEBRUARY 23

Sparta, New Jersey

Tri-State Insulator Show & Swap Meet will be held somewhere in Sparta. For detailed information: Jim Bridges, 35 Lakeview Rd., Sparta, NJ 07871. (201) 729-5813.

### FEBRUARY 23

Cromwell, Connecticut

Yankee Pole Cats Insulator Club Swap and Sell Meet. American Legion Hall, Cromwell, CT. Info: Doug MacGillvary, 51 Avondale Road, Manchester, CT 06040. Ph. (203) 649-0477.

### MARCH 2-3

Winfield, Kansas

3rd Annual Kansas Insulator Swap & Sale Meet, American Legion Bldg., 115 W. 10th St., Info: Bob Wilson, 602 E. 12th St., Winfield, KS 67156.

## MARCH 9

East Bridgewater, Mass.

9th Eastern Massachusetts Atnique Bottle & Insulator Show & Sale. Square Acres Dance Hall. Info: Fred Swiechowicz, 200 Warren St., Randolph, MA 02368 (617) 961-2439.

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### MARCH 30-31

### Toledo, Ohio

The 2nd Glass Capitol Insulator Show at the Lakevue Hall located at the intersections of US RT 20 & I-75 about 10 miles south of Toledo. Info: Jack Snyder, 244 Waggoner Blvd., Toledo, OH 43612 (419) 476-4902 or Charlie Zilba, 3557 River Rd., Toledo, OH 43614. (419) 385-6312.

# APRIL 6-7

# Lubbock, Texas

The Hub of the Plains Insulator Club is planning their 3rd annual Collectibles Show. Koko Palace, 50th & Q. Info: Jerry Stevens, P.O. Box 871, Lamesa, TX 79407.

# APRIL 6-7

Volusia County, Florida

MT Bottle Collectors Assn. announces its 4th Annual Trade Festival at the Volusia County Fairgrounds. Info: MT Bottle Collectors Assn., P.O. Box 1581, Deland, FL 32720. Ph. 734-8865.

## APRIL 6-7

Kingman, Arizona

6th Arizona Insulator & Bottle and Collector's Meet at Mojave County Fairgrounds. Info: W.B. "Rip" West, 413 Monroe St., Kingman, AZ 86401. Ph. (602) 753-3650.

### APRIL 27-28

Rochester, New York

G. V. B. C. A. will hold their 5th Annual Bottle Show & Sale at Monroe County Fairgrounds, Rt. 15A. Info: Jack Stecher, 230 Eileen Dr., Rochester, NY 14616 ("Dealer" contracts: Richard Bowman, 1253 LaBaron Circle, Webster, NY 14580; "Exhibit" co-ordinator: John DeVolder, 27 Haley Rd., Ontario, NY 14519.)

### Scotia, New York

2nd Annual Insulator Meet of the Capital District Insulator Club st the Scotia Reformed Church Hall, Collins St. (off Rt. 5). Info: Grant O. Barnes, Show Chm. 25 Harlau Drive, Scotia, N.Y. 12302

### Missoula, Montana MAY 4-5

The Hellgate Antique Bottle Club Annual Bottle Show. Info: Show Chairman, Hellgate Antique Bottle Club, Missoula, MT 59801.

San Diego, California MAY 4-5 San Diego Bottle Club will host a show. For more

info: 519 Verdin St., El Cajon, CA 92021.

MAY 25 Moorestown, New Jersey

2nd Annual Southern New Jersey Insulator Show, Moorestown High School. Info: Gene Bond, 15 East Camden Ave., Moorestown, NJ 08057.

JUNE 1

Philadelphia, Pennsulvania

Informal insulator swap meet. (see E. I. C. Club news and ad in back section) For more info: Bob Wilson, 12612 Chilton Rd., Phila., PA 19154. NE 7-9435.

JUNE 29-30 Hershey, Pennsylvania

The Fifth National Insulator Show & Sale & N. I. A. business meeting at the Hershey Motor Lodge. Info: Mr. Steve Bobb, 610 Northampton Rd., Norristown, PA 19401. Ph. (215) 539-6533.

MAY 4

PETER EBY & MICHAEL B. FENNINGER, OF KINZ-ER'S P.O., PENNSYLVANIA. Excerpts from Patent No. 138, 480, May 6, 1873.

The nature of my improvement relates to that class of insulators for telegraph-wires made of glass or its equivalent, in two parts, so constructed, as to lock firmly and to secure the wires against becoming rusted from water lodging, or to become disengaged from the insulator when broken at intermediate points, said portions being inserted through an orifice in the arm-bearing or support for the insulator made horizontally.

The accompanying drawing shows the construction of the separate pieces and their combination with the wire inserted and kinked on each side.

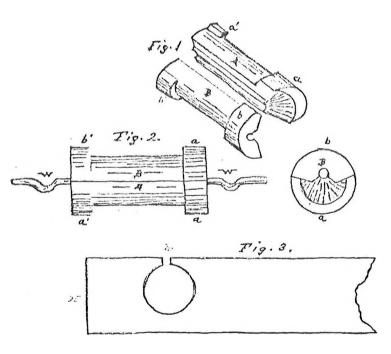
The portion A has a flanged head or collar, a, on one end, and a raised lug a', on the other end... The ends are rounded out from the wire groove to form a sloped drain, while the collar and partial collar b b' on the portion B form a projecting shelter over the beveled ends on the portion A when in proper position in the arm.

The wooden arm H has an auger-hole of the desired diameter near the upper edge to receive the insulator horizontally.

In order to prevent the wire from being withdrawn when broken between intermediate points, we make a short kink on each side of the insulator, allowing sufficient play for ordinary contraction or expansion.

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P. EBY & M. B. FENNINGER. Insulators for Telegraph Lines. No. 138,489. Patented May 6, 1873.



Reuben R Royer

Inventors Peter & by. Michaelt for

ó

LOUIS A. CAUVET, OF NEW YORK, NY Excerpts from Patent No. 48,906, July 25, 1865.

Be it known that I, Louis A. Cauvet, of No.75 1/2 New street, in the city, county, and State of New York, have invented a new and useful Improvement in Insulators for Telegraphic Wires.

This invention consists in constructing glass insulators for use on telegraph-poles in such a way as that they can be secured to the poles in any position without the use of metallic or other attachments.

B is a wooden rod, upon each end of which a screwthread c, is cut.

The insulator J is made of glass molded to any suitable shape as to its exterior, but having always one or more grooves, f, formed on its circumference, to enable a conducting-wire to be wound about it.

I propose also to form the base g of a convex shape, instead of partly flat or palne and partly sunken. When it is made convex it will shed rain with more facility, expecially when my insulators are fixed vertecally, as shown in Fig. 2, the lower ones having their bases turned upward.

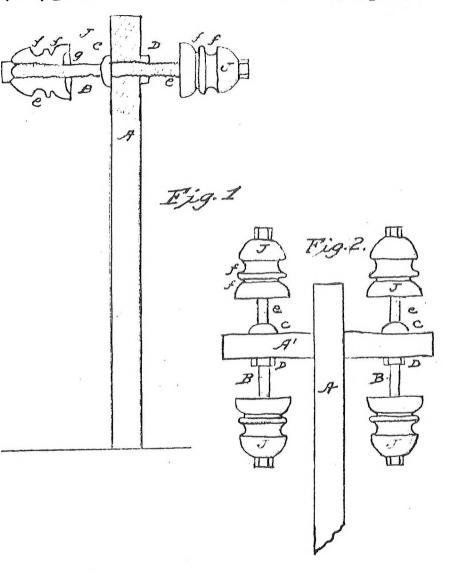
My insulator is made of glass, molded according to the art of the glass-molder, with a hole partly through it in the line of its axis, a screw-thread being formed in said hole in the process of molding.

My improvement in insulators enables me to affix and secure them upon bars and pins with the use of their screw-threads alone, by means of which they are sustained upon telegraph-poles by simply screwing them upon such bars or pins.

7

ILA Catuvet Insulator for Telegraph Wires. Patented July 25, 1865

°948906

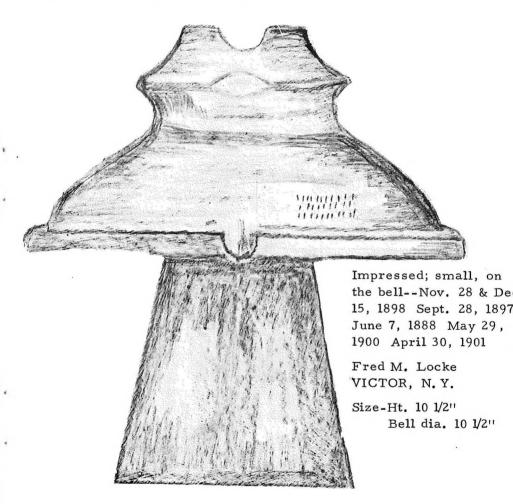


Witnesses The We Orcura

Inventor Louis A. Barrato

Dear Jim:

Here is a drawing of a new shape of the large trough-spout LOCKE power insulators. This one came from Washington State, and the difference between it and the other all porcelain (pg. 83, my book) is obvious. I have seen also another all porcelain that is a duplicate of the glass LOCKE 25. (No trough)



Another **la**rge-two piece LOCKE. Parts are cemented together and a strong iron pin is cemented in; has been cut off.

# NATIONAL INSULATOR ASSOCIATION Drip Points

# HELP!

We need your help. Mr. Roy Galloway, 105 Harkins Drive, Winchester, Kentucky 40391 has agreed to serve as a clearing house for information on the CD 160's. As you know, there has been a great deal of activity from collectors in the search for various types, colors and kinds of CD 160's. If those of you who are collecting CD 160's or those of you who have odd CD 160's would send the information to Roy he will put together a catalog of information on the CD 160 and make it available to you through one of the NIA publications. He would like to have manufacturer's name, embossing, drip points, color, etc. He would like to use Bob Bowers' system for describing embossing on insulators which is as follows:

"Capitol letters indicate embossing, a / indicates another line same side, // indicates reverse side, D-dome, S-skirt, B-base. Abbreviations: SCA-Sun colored amethyst, SCAM-Sun Colored Amber, SDP or RDP-sharp or round drips, NIS-no inner skirt, MLOD-mold line over dome, BM-bottom mold, SB-smooth base." Now to describe an insulator which will use everything talked about.

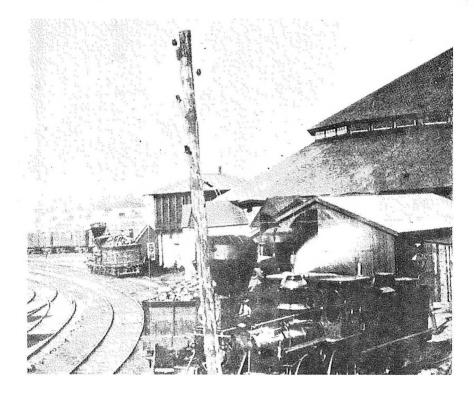
CD 133 W BROOKFIELD (in arc)/ 55 FULTON ST/ NY (D)/E.R.(S)//CAUVET'S (in arc)/PAT(?) JULY 25 1865 (D) PAT JAN 25 1870(S), aqua, SB

'Please be sure to list all embossing, mold numbers, dates, etc. I hope you will help by sending Roy the information you have concerning your CD 160's. It is only by working together that we can develop accurate meaningful material for the insulator collector.

# JUNIOR COLLECTOR SECTION by Donald Welsh

This section of CROSS ARMS is devoted to the young collector (under 21.)

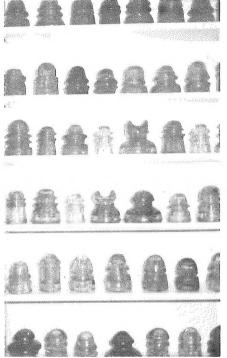
Here is a reprint of the Richmond, VA., train yard taken during the Civil War.



Notice the 2 "eggs" and two Tillotson-type hats.

I am now the proud owner of a Locke Patent Pending and a friend of mine in Binghamton recently purchased an interesting variant of the same thing.

Here is a photo of part of my friends collection. The Locke Patent Pending is on the 2nd shelf, 6th one in from the left. He also has a rare CD 281 Lynchburg 180. It's on the 2nd shelf, 6th from the left.



I have been able to contact a man at the Locke Insulator Plant (I-T-E Imperial). We have set up an appointment and I hope to be able to furnish everyone with more Locke information later on.

I am interested in contacting any junior collector. All letters will be answered. Just write to me at Donald Welsh, Jr., 4 Bedford Way, Pittsford, NY 14534.

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# JUDGING RULES

Fifth National Show

Hershey, PA

In an effort to encourage more displays and to tell each collector exactly how their display will be judged, at the 5th National, I am publishing this set of rules. This will allow every collector to build a display which will have a good chance of winning.

There will be 6 judges, divided into 2 groups. One group will add points to a display, while the other group will detract points from a display.

All judges will act independent of each other. Judging will take place between 9:00AM and 5PM on Saturday. Points will be computed and the winners announced during the banquet (7:00PM Sat.) During this time several "Honorable Mention" ribbons will also be awarded.

1. Each entree must select ahead of time what catagory he want to enter his display under.

2. Each display must be "titled" but not with the owner name.

3. Damaged or repaired display pieces must be identified for the judges prior to judging (this will cause you to lose 10 points.) If not identified or concealed and a judge catches it you will lose 25 points.

4. A perfect or nearly perfect display will be awarded 10 points.

5. You will gain, or lose 10 points depending on whether you keep your display within your chosen catagory.

6. 10 positive points awarded if all pieces are within full view.

7. 10 positive points awarded for displays containing

items other than insulators but still related to insulators.

8. 10 positive points will be awarded if all insulators are clean.

9. 5 positive points will be awarded if a display is eye appealing.

10. All display pieces must be authentic. Any display containing a reproduction, limited edition or fake insulator is ineligible for judging and cannot display.

While you are setting up your display at the show, I will approach you with a form to fill out listing: (1) Title of display (2) Catagory that you wish to enter your display (3) State whether you have any damaged or repaired pieces.

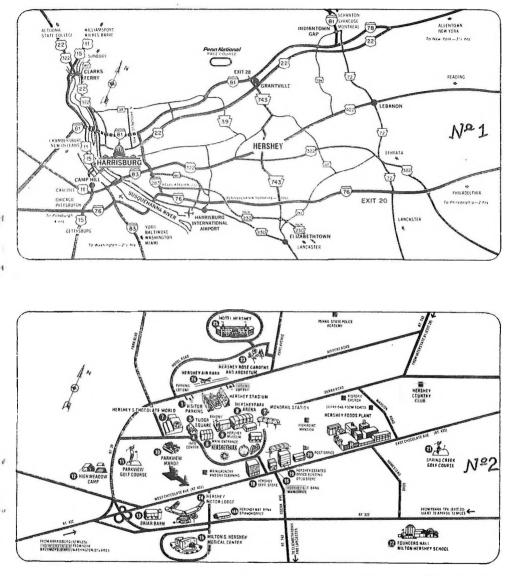
DO NOT SIGN IT. Give it back to me so I can use it to make up the judging sheets.

The Fifth National Show is endorsed by the N. I. A. The rules I have set up for judging are not N. I. A. rules. They have been created by me, with the help of Bob Wilson, E. I. C. Vice-President, PA and N. I. A. member and Jim Garrity, E. I. C. member, N. I. A. member and editor of CROSS ARMS, with the idea in mind to make displaying at the National a pleasure.

By the time the 6th National comes along the N. I. A. will have had time to formally adopt a set of judging and display rules. For the Fifth National only, I will use the rules set forth in this article. This subject to minor changes.

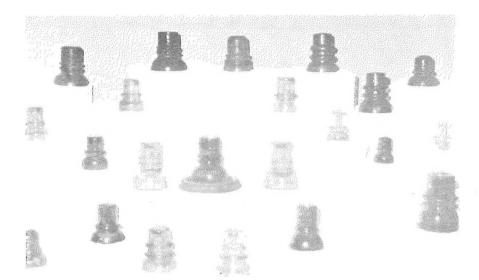
See you all at the National.

Stephen E. Bobb 610 Northampton Norristown, PA

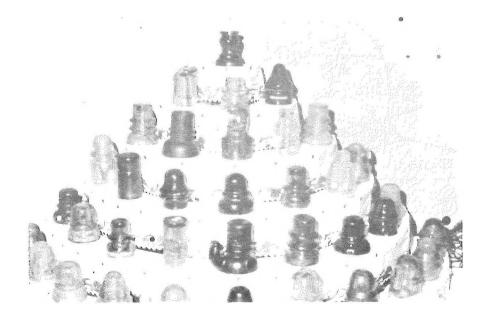


Above are 2 maps showing the location of the Fifth National Show. No. 1 shows the Route Numbers, while No. 2 shows the location of some of the area attractions.

No. 14 on the map No. 2 is the show location. Hershey is in the heart-land of Pennsylvania with plenty of campgrounds and gas stations. A close look at a "threadless hat" collection belonging to Russell Sprague of Randallstown, MD.



Here's a good look at the display of unique insulators belonging to Gary & Dieline Coleman of Lancaster, NY.



The Mayer & Englund Company-address 10 South 10th Street, Philadelphia, PA. President, Charles Mayer and Secy.-Treas., Englund.

M & E Co. was a supply house geared to furnishing material for electric railroad and trolley construction. Most of their electrical wire connectors and trolley frogs were manufactured by the G. E. Co.

They featured a line of porcelain insulators (manufacturer unknown) and also a line of cast iron and composition insulators (manufacturer unknown.)

Their glass insulator line was probably manufactured by Knowles (pieces have been found embossed (F) Knowles Cable Insulator (B) The M & E CO. Phila.)

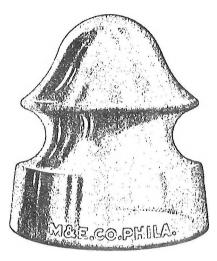
The following pages show excerpts from the M & E Catalog # 2, 1901. We have eliminated some unnecessary information, such as cost per piece, code word to use when ordering and the M & E Catalog No. If anyone would want this specific information feel free to contact us at CROSS ARMS.

Mayer & Englund supplied material for several trolley lines in the Philadelphia area. The insulators ran the gauntlet from Hemi 60 & 62's, Brookfield signals, a few Manhattans, O. B. 's, WT #llps and Hemi 19's. Of course there were also M & E's. Even though their catalog shows all the pieces being embossed, so far the only pieces turning up as embossed are several of the glass cable styles and a composition style (see CROSS ARMS, April '72 pg. 6.)

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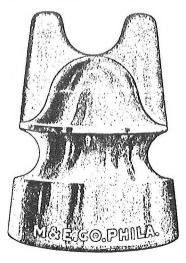
# JUMBO CABLE GLASS INSULATORS

Extra Heavy for Large Cables. Side Groove for 11/2 Inch Cable



# IMPROVED JUMBO GLASS INSULATORS

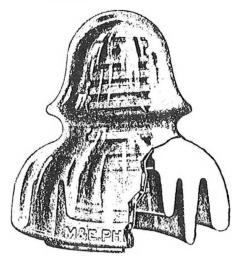
For Heavy Cables. Two Inch Top Groove



7 inches high; weight, 6 pounds.

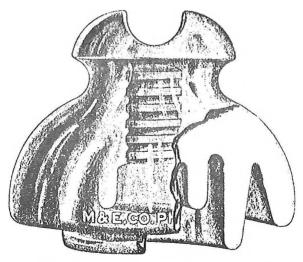
# HIGH INSULATION GLASS INSULATORS

Triple Pettlcoat with Slde Groove



Diameter, 41/2 inches; height, 31/2 inches; weight, 13/4 pounds.

HIGH INSULATION GLASS INSULATORS Triple Petticoat with Top Groove



Diameter,  $5\frac{1}{2}$  inches; height,  $4\frac{1}{2}$  inches; weight,  $4\frac{1}{2}$  pounds.

# STRAIGHT LINE FEED WIRE INSULATOR

Made with Malleable Iron Shell and Standard Insulating Compound



For 500,000 C. M. Cable For No. 0000 wire

# CORNER FEED WIRE INSULATOR

Made with Maileable Iron Shell and Standard Insulating Compound





For 500,000 C. M. Cable For No. 0000 wire

# SOLID COMPOSITION FEED WIRE INSULATOR



For 500,000 C. M. Cable For No. 0000 wire

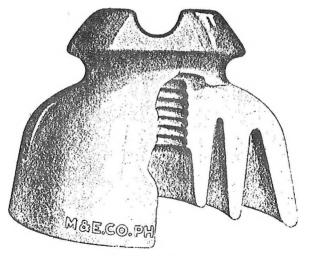
PRICES ON INSULATORS TO TAKE LARGER CABLES QUOTED ON APPLICATION

# HIGH POTENTIAL PORCELAIN INSULATORS

### TYPE "C" INSULATOR

Type "C" Insulator for 25,000 Volts. Diameter, 634 inches; height, 478 inches; surface distance from tie wire to pin, 13 inches; weight, 51/2 pounds.

Type "D" Insulator for 15,000 Volts. Diameter, 6 inches; height, 4 inches; surface distance, 11¼ inches; weight, 4 pounds.

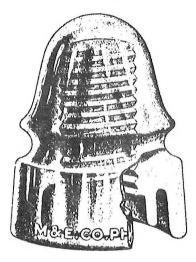


### TYPE "E" INSULATOR

- Type "E" Insulator for 10,000 Volts. Diameter, 5 inches; height, 3% inches; surface distance, 9½ inches; Weight, 3 pounds.
- Type "F" Insulator for 5,000 Volts. Diameter, 3½ inches; height, 3<sup>3</sup>/<sub>12</sub> inches; surface distance, 6 inches; weight, 1<sup>3</sup>/<sub>16</sub> pounds.

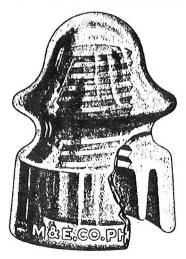
# STANDARD DEEP GROOVE GLASS INSULATORS

### **Double Petticoat**



# EXTRA DEEP GROOVE GLASS INSULATORS

Double Petticoat Street Railway Pattern



TRANSPOSITION GLASS INSULATORS

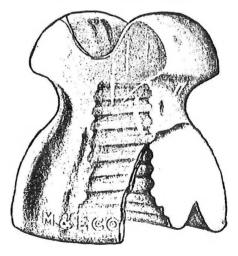
Double Petticoat for Telephone Use.



Diameter, 33/4 inches; height, 41/2 inches; weight, 2 pounds.

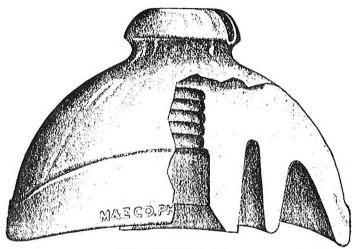
IMPROVED CABLE GLASS INSULATORS

Double Petticoat with Top Saddle



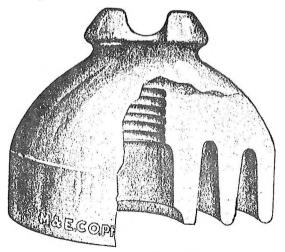
Regular size with one inch top groove Large size with  $1\frac{1}{2}$  inch top groove

HIGH POTENTIAL PORCELAIN INSULATORS



TYPE "A" INSULATOR

Type "A" Insulator for 40,000 volts. Diameter, 83/4 x 71/2 inches; height, 53/4 inches; surface distance from tie wire to pin, 15 inches; weight, 9 pounds.

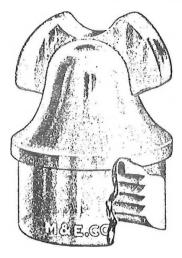


TYPE "B" INSULATOR

Type "B" Insulator for 30,000 volts. Diameter, 7 inches; height, 5<sup>3</sup>/<sub>4</sub> inches; surface distance from tie wire to pin, 14 inches; weight, 8 pounds.

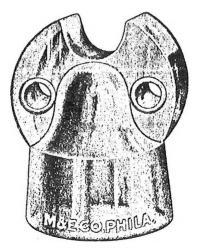
# STANDARD CABLE GLASS INSULATORS

Corrugated Petticont, One Inch Top Saddle



# COLUMBIA CABLE GLASS INSULATORS

With Top Saddle for 11/4 Inch Cable



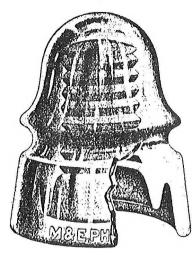
# PONY GLASS INSULATORS

Standard Pattern, Single Groove



# **PONY GLASS INSULATORS**

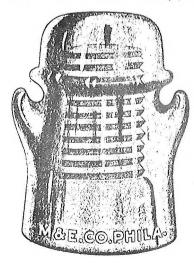
Standard Pattern, Double Petticoat



Standard Pattern, Double Groove



# PONY GLASS INSULATORS O'BRIEN PONY GLASS INSULATORS



# 2nd Annual Glass Capitol Insulator Show

LAKEVUE HALL (behind the Ramada Inn, Perrysburg, Ohio) Located at the intersection of US RT 20 & 1-75. Easy access from Interstates....80...75...475...US RTS 20,23224. TABLE RATES ..... . 8' table \$7/day ..... \$12/Both days. (2) 8' tables \$12/day ..... \$20/both days. (limited amt. free display tables available) SET UP TIME .... Sat. 8am till 5 pm....Sun. 9am till ?????? FREE ADWISSION also FOOD AVAILABLE MOTELS ... Ramada Inn 419-874 3101 Holiday Inn 419-874 3111 across the st. from the Remada. Fort Meigs Motel 419-874 6001 one mile across town. Please reserve \_\_\_\_\_ table(s) for \_\_\_\_ day(s).I've enclosed my check.....YES.....NO...display table needed. Signature phone address town The promoters are not responsible for thefts, fire or accidents Toledo of any nature. For reservations..... Jack Snyder Charlie Zilba 244 Waggoner Blvd 3557 River Rd. Toledo, Ohio 43612 Toledo, Ohio 43614 419-476 4902

419-385 6312

Hello Members,

We are starting into our new year and the membership keeps growing.

Bob Wilson (PA, V.-P.) is sponsoring a swap meet on June 1st, 1974. It will be a unique show in the fact that:

- 1. no selling until 12 noon.
- 2. only trading until noon.
- 3. bring your own food and drink.
- 4. all collectors welcome.

The meet will be held at Bob's house, 12612 Chilton Rd., Philadelphia, PA.

Bob is trying to bring a new look into the show area. He won't charge for table space, but he would like a postcard from anyone who plans to attend. Let's help Bob "bring back the 'good old days'"

If you are getting tired of too much commercialism and hanker for some good times and trading don't miss Bob's get together.

# NEW JERSEY VICE-PRESIDENT

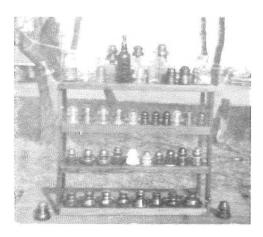
Jerry Wagner of Bergenfield, NJ has been elected the Vice-President of the New Jersey Chapter of the Eastern Insulator Club.

All area Vice-Presidents are urging EIC members to become more active in the club. The V.P.'s are open for anyideas or suggestions. They need your help to make this the best insulator club going.

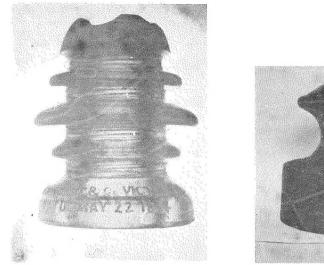
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A CD 281, LYNCHBURG 180 from Francis Fekel of Elmer, N.J.



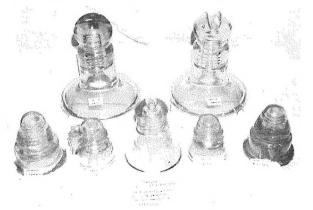
Here is a shot of a collection belonging to Eugene Hofman of Fargo, ND. It contains both porcelain and glass.





left: CD 204 (Locke cross top), aqua from M & E. Dutcher of Cortland, NY. Photo by J. Kelly of Dryden, NY.

right: a composition style, side tie cable embossed: J.P. CO HFD CT. MAKERS (B) J.M. CO SOLE AGENTS from Ed Szymala of King of Prussia, PA



a complete set of Chambers lightning rod insulators from Larry Veneziano of Rivergrove, IL. T-H CO. BACKGROUND HISTORY

This information taken from a 1890 catalog on exhibit at the Eleutherian Mills Historical Library.

Prior to 1883, Professors Elihu Thomson and E.J. Houston got together and formed the T-H Co. Professors Thomson and Houston were inventors and designers of electrical motors, generators and any auxillery equipment concerning motors and generators.

Circa 1880, direct current was the major source of power used in America. It was used for the newly designed arc lights, motors, and anywhere it could be adapted. The T-H Co. was in on the ground floor of D. C. electricity development. They did everything for a town from building the generator station to hanging the arc lights. They had a factory in Lynn, Mass (established 1882), a factory in New Britain, Conn. (established 1886) and another factory in Fremont, Ohio. The Fremont plant only manufactured "carbon products" used by T-H Co. such as carbon motor brushes and carbon electrodes (used in arc lights.)

An exhibition in Chicago (1883) featured the "First Railcar Powered by Electricity", invented by Mr. Charles J. Van Depoele. A Toronto exhibition of 1884 also featured Depoele's invention.

In 1888, the T-H Co. hired Van Depoele with the combined ideas and talents of Thomson, Houston and Van Depoele the T-H Co. was in the electric trolley business.

As of 1890, T-H Co had 8 offices. Main office was at 620 Alantic Ave, Boston, Mass.; branch office in Chicago, Ill; New York, N. Y.; Alanta, Ga.; San Francisco, Cal., Kansas City, Mo., St. Paul, Cincinati, Ohio; Phila., Pa., and Washington, D. C. T-H Co was awarded several exhibition medals in San Francisco, 1884, and London, Aug. 11, 1885

In 1893, the T-H Co merged with the Edison General Electric Co. and formed the present day company, General Electric.

T-H dealt with D.C. power and distribution and associated machinery around 1890. The entire nation was converting from D.C. to A.C. and the T-H Co prospered. T-H Co was not connected with the telegraph. The insulators we know of as embossed and unembossed T-H Co. were used on street lights, trolley lines, service feeders, etc., but not on telegraph or telephone.



This is the Offical Emblem of the NATIONAL INSULATOR ASSOCIATION It is printed on all N. I. A. stationary

### LETTERS TO THE EDITOR

Dear Jim:

Enclosed is a picture of a magnetic egg that I was fortunate enough to add to my collectorn this summer. It is only down in aqua color in Cranfill's new book, but mine is root beer color--was wondering if you have seen or heard of this one in root beer.

The height is  $4 \frac{1}{4''}$ over all. One end is  $2 \frac{1}{4''}$  to center wire groove and the other is 2'' to center wire groove.

Pin hole is open all the the way thru. I would say it is M condition.

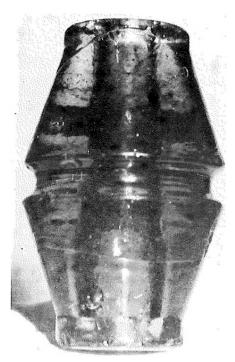


How would a value be determined on it? Kathleen Harbarth 770 El Verano Dr. Walnut Creek, CA94598 \* \* \* \* \* \* \*

Dear Kathleen,

You have a very good piece. It's the only root beer one around that I know of. Bob Wilson sent me a picture of his aqua one. (see next page)

As far as value, I couldn't even begin to guess since I have never seen one for sale. So as of now the owner can name the price



An egg similar to CD 700 except the bottom has an extended skirt. From Bob Wilson of Phila, PA

CD 735.6 No Name threadless from Bob Wilson of Phila, PA



#### CLASSIFIED ADS

## 2ND ANNUAL SOUTHERN NEW JERSEY INSULATOR SHOW

SATURDAY MAY 25, 1974

Moorestown High School, Moorestown, N.J. Bottles, Lightning balls & Barbed wire welcomed

Set up time starts 8:30 A. M.
General admission 10 A. M. to 6 P. M.
Reservations by May 15 (postmarked) or add \$1.00 to price of table.
3' X 12' tables \$9.00 3' X 6' tables \$5.00 E. I. C. members disc. contact: Gene Bond 15 E. Camden Ave. Moorestown. N. J. 08057

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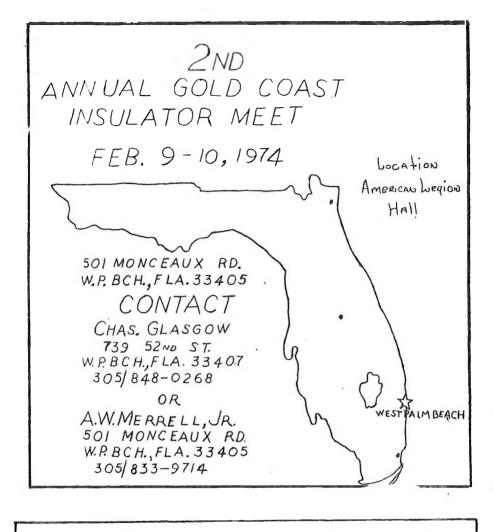
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#### \$1.50 Post Paid

From your dealer or—M. Milholland R. #2 Box 368 Sequim Wash. 98382—Phone-1-206-683-4598

102 Diamond, Olive Green, SB, VNM	\$2.00
102 Front & Back, Diamond & Bar, Dk. Olive Amber, SB M	4.00
102 Hemingray 14, Aqua, SB VNM	6.00
102 Star, Front & Back, Aqua, Wedge Drip Points, Very Good	50.00
102 Dome Arc, W. Brookfield New York, B/D Letter, Aqua SB, VNM	4.00
102 Brookfield, Dark Green, or Olive, DP VVNM	2.00
108 Whitall Tatum Co. No. 9, Straw SB M \$5.00. Purple, SB, M	12.00
122 Lynchburg-B-No 30, , Aqua, DP VNM	5.00
424 AGM Amber, SB VVNM	7.00
126 W. Brookfield & 3 dates, Aqua, SB VNM \$5.00, W. Brookfield -BNew York	4.00
133 H.G. CO. Pat. Date-B-Standard, Aqua, DP, VNM	3.00
134 W.F.G. CO, Denver, Colorado, Aqua, SB, M	5.00
143 Dwight-B-Pattern, Aqua, SB, M	6.50
145 Front-B, Back No 44, Aqua, SB, M (has mold run on base)	8.00
145 H.G. CO. Jade Green Milk Glass, SB, M	4.50
145 Star, Green, SB, VNM \$3.00. Mint	4.00
151 H.G. CO-B-Petticoat, Ice Blue, SB, M	8.00
157 Hemingray No. 38, Dated, Blue, DP, VNM	7.50
160 Whitall Tatum Co No 14, Lt. Straw, SB, M	3.00
462 Dome Top, P.L.W. Front skirt, B, green with amber, SB VNM	30.00
162 Maydwell-19, Straw, DP, M	3.00
164 H. G. CO Pat May 2 1893-B-Petticoat, dk lime gr., DP, NM to VNM	20.00
166 California, Aqua, SB, VNM	4.00
167 Armstrong-B-51-Cl, Amber, SB, M	5.00
168 Hemingray D-510 Lowex, Clear, SB M \$3.00, amber SB, M	6.00
168 Hemingray D-510, Clear, SB, M, \$3.00, Ice Blue, M	3.00
175 Hemingray-25, Aqua, SB, M	9.00
205 Brookfield, Aqua, SB M \$10.00. Green VNM	14.00
205 Brookfield-B-No 3 Trans, Greenaqua, SB M \$15.00, Green M	20.00
205 Gayner-B530, Aqua SB VVNM	10.00
219 Hemingray 660, Amber, SB, M	6.00
230 Lowex-B-512, Clear, SB M \$3.00, Lt. Bubbly Amber M	8.00
235 Pyrex 662, Carnival Glass, SB, M	9.00
238 Hemingray Made in USA-B-514, Lt. Lime Green, SB, M	8.00
248 Hemingray-B-No. 79, Aqua, 3 piece stacker, DP ch/ea. bs. VVG	35.00
257 Hemingray 60 Wide Groove Mickey, Blue, DP, VNM	11.00
257 Hemingray Wide Groove Mickey, Pat. June 17,1893 Pat May 21893	1
Haw very distinct Green coloration, DP VNM	20.00
	15.00
289 F.M. Locke Victor N.Y., Aqua, SB, M	70.00
293 Fred M. Locke & 4 Pat Dates, Aqua, SB VVNM	50.00
295 Hemingray No 4 High Potential Triple Petticoat, Dated Blue	
DP, VNM	15.00
Postage Please. All Trades by Milhollands. Tom McGill, 1515 Semi-	nole Dr.
Ottowa, Illinois, 61350. Phone Area code 815-433-4415.	



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

Not a supplement.

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175 pages 8 1/2" x ll" Plastic ring binding Pictures and drawings describe over 700 insulators

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CD 297 Fred M Locke Victor, mint \$10.00 CD 267 N. E. G. M. Pat. June 17, 1890 VNM 325.00 Hemi, WU #5, dark aqua NM CD 125 6.00 CD 145 No Name American, mint 8.00 CD 134 Brookfield (dome emb.), aqua, NM 1.00 CD 145 B, green amber, NM 12.50 rim embossed American, aqua, mint CD 145 10.00 Diamond (with blocked out letters NM CD 102 7.00 CD 102 Diamond (single), straw, mint 4.00 CD 102 W Brookfield (sk. emb.) aqua, VG 2.00 Maydwell, clear with gr. cast, NM CD 106 2,00 , clear, mint CD 108 Dominion-9 2.00 W Brookfield (sk. emb.), aqua, mint CD 126 2.00 No name, aqua, mint CD 126 2.00 W Brookfield (3 dates), aqua, VNM CD 427 12,00 CD 134 Hemi 18, dark aqua, mint 3.00 CD 205 Gaynor 530, aqua, NM 15.00 CD 168 D 510, deep amber, mint 7.00 Hemi D 510, clear, mint CD 168 1.50 No Name, aqua, mint CD 143 4.00 CD 162 dome-Wm. Brookfield skirt-Pat'd Nov 13, 1883, aqua, NM 5.00 Brookfifed (misspelled), aqua, mint 5.00 CD 134 Satisfaction guaranteed, postage paid by customer. Ferd Huber, 385 Allendale Rd., King of Prussia, PA 19406 SWAP INSULATOR MEET

JUNE 1, 1974 Bring your own food & drink Trading only 'til 12 Noon No cash sales 'til after 12 Noon All Welcome Postcards or call suggested beforehand Bob Wilson 12612 Chilton Rd. (215) NE 7-9435 Philadelphia, PA 19154

CD 106 Gayner 90, aqua \$5.00 NM CD 106 O.V.G. Co., aqua NM 5.00 5.00 CD 121 C.D.&P, Tel. Co, aqua М CD 121 unemb. Duquesne-4 ribs, aqua NM 5.00 New Eng Tel & Tel Co, aqua CD 121 4.50 VNM CD 128 Armstrongs CSC, lt. yellow 4.00 М CD 134 No name, sea blue М 8.00 4.50 CD 154 Whitall Tatum #1. SCA Μ CD 164 Brookfield, dk. olive 5.00 NM Lynchburg #38-sm. base, aqua 5.00 CD 164 М 5.00 CD 165.1 Whitall Tatum #5, peach M CD 166.2 No name, aqua 5.00 Μ CD 167 Owens, Illinois T/M, clear М 4.00 E. L. Co l'' dome chip, aqua CD 166.2 12.50 Hemingray 50, ice blue, hazy CD 190/91 NM 5.00 CD 214 Whitall Tatum No. 10, clear 4.00 М Whitall Tatum 512U, amber CD 216 5.00 М CD 238 Hemingray 514, clear 5.00 Μ CD 239 5.50 Kimble 830, clear М CD 251 Hemingray 61, clear М 7.00 CD 245 9200 (unemb. T-H), aqua 75.00 NM Postpaid. Ted Church, Holcomb Rd., RFD 2, New Hartford, CT 06057.

PORCELAIN INSULATORS GUIDE BOOK FOR COL-LECTORS, the standard reference for pintype porcelains. Universal Style Chart with all U-number scale drawings. Markings, company histories, prices etc. Hardbound, 206 pages, \$10 postpaid. Also Supplements A and B, \$1.95 each. From author Jack H. Tod (CA), 3427 N. 47th Place, Phoenix, AZ 85018. Huge new 12 page list for beginner or advanced collector - lowest prices - satisfaction guaranteed. SASE Paul McManis, Route 1, Box 116, Excelsior, Minn. 55331 Phone (612) 474-3541.

WANTED TO BUY--All sellable telephone insulators. Semi to rare, best prices paid. Brad & Nancy Cook, 507 Ridge Rd., Lansing, NY 14882. Call (1) (607) 533-7515.

CHICAGO DIAMOND GROOVES- V.N.M. \$40.00, N.M. \$30, good \$20.00. Would trade in quantity for better glass. Jerry Durham, 14110 S.E. 172nd Ave., Clackmas, ORE. 97015.

Insulator list. Milkglass, purple, etc. Common to rare. Stamped envelope. Phil Balkan, 5860 Tobias Ave., Van Nuys, Cal. 91401.



## "THE GLASS INSULATOR-A COMPREHENSIVE REFERENCE"



This book represents nearly 7 years of research and collecting, and is the fifth book by the authors. In just two months it has been praised as one of the best books in the field by collectors, dealers and other authors. It contains 144 pages plus 13 pages of Price Trends. 600 insulators are beautifully photographed and arranged by company. The newly revised

CD numbers and a history of most companies with description and prices for nearly 1200 different insulators make this popular and a must for beginners as well as advanced collectors. \$6.00 P.P. or send a large S.A.S.E. for a free sample page and our latest list. California residents add 6% sales tax please. GARY CRANFILL, 5536 KEONCREST CL. #2, SACRAMENTO, CAL. 95841.

BLUE BELL PAPERWEIGHTS, Columbus, Ohio Pioneer Commerative. Embossed: Bell System (both sides); base embossed with Pioneer emblem and dated 1973. Only have a few. \$5.50 Postpaid. Jim Barron, 6815 Darby Lane, Springfield, VA 22150

Insulators sell slow during the holiday season. Therefore, I'm overstocked and will sell all insulators at wholesale! Rare, semi rare, colors, odd shapes and more. SASE. Jim Baird, 8107 Calico, San Diego, Cal. 92126.

NEW LIST FOR LIST OR SASE. WANT CD 160's for collection. Also, trade for colored glass. Robert W. Gilbert, 245 Coldstream Dr., Frankfort, KY 40601. FOR SALE: CD 150 Brookfield Aqua, Mint \$100.00ea., CD 218 Hemingray 660 Corrugated Base Clean Mint \$2.00 ea., CD 168 Whithall Tatum #11 Light Aqua, Mint \$8.00ea., CD 168 Whithall Tatum #4 Ice Blue, Mint \$5.00ea. Postage and Insurance extra. Art Kottman, 101 Namkee Rd., Blue Point New York 11715. Phone (516) 363-2090.

WANTED: Lynchburg insulators for my collection. Need the following CD's 160, 164, 281, 306 and others in different colors. Write Jim Barron, 6815 Darby Lane, Springfield, VA 22150.

FORCE SALE- CD 162 McLaughlin 19 and Maydwells various colors and drips. My choice all different if possible. \$2.00 ea. ppd. 10 or more \$1.50 ea. ppd. Special IN-56 \$1.50 ea. ppd. 10 or more \$1.00 ea. ppd. Maury Tasem, 519 Verdin St., El Cajon, CA 92021.

Greenish Block with tiny bubbles. Near perfect, minor common roughness on some of the sharp edges. \$400.00 or nearest reasonable offer. You must be satisfied or no deal. Sorry no trades. Forrest Jones, Rt. 3, New Carlisle, Ohio 45355 (1) (513) 845-8306.

WANTED - CASH FOR- CD 160's, quantities of colored glass, all saleable scarce insulators and small collections. Robert W. Gilbert, 245 Coldstream Dr., Frankfort, KY 40601.

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1-CD 130 "Cal. Elec. Works" aqua with dark green streaks through out VNM. 1-CD 102 Star with SDP some broken drips. 1-CD 162 "McLaughlin-19" emerald green mint. 1-Wade cup-aqua-smooth outside-broken but displays very good 90% complete. Will only consider old coins in trade, preferably silver dollars or bulk silver coins. P.O. Box 701 Camino, California

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121 CALIF A007 sage M	10
125 PAT APP FOR blue M	45
134 ELECTRICAL SUPPLY aq nm	12
156 POSTAL aq isc	25
160 HGCo petticoat sb near clear M	17
194/195 HEM 54 A/B sca M	25
201 HEM aq sdp nm	11
263 HEM/COLUMBIA aq sb M	80
Complete list available. SASE for LIST/LIST.	I need
threadless mint to damaged. Jack Snyder, 244	
Waggoner, Toledo, OH 43612 (419 476 4902)	

NOTICE: SUPPLEMENT B to "Porcelain Insulators Guide Book for Collectors" is now available. Price revisions, all newly added U-number shapes, markings, history. \$1.95 postpaid from author: Jack H. Tod (CA), 3427 N. 47th Place, Phoenix, AZ 85018.

CD 733 Brookfield #5, Aqua mint \$200.00 CD 731 McKee, Aqua, oxidized, mint 200.00 CD 200 California, SCA, mint 190.00 CD 732 Unembossed, green, mint 140.00 CD 723 Wade, smooth, aqua, oxidized, mint 140.00 CD 729 No-Name, emerald green, mint 160.00 CD 740 No-Name, green, very near mint 225.00 CD 1001 Cutter, green, mint 125.00 W.U. 5, SCA, 3 damaged drips CD 125 70.00 CD 179 E.S.A. Aqua, mint 25.00 Blue Glass Bell, embossed: Bell System New York Telephone Company other side: Local and Long Distance Telephone: Mint 37.00 Blue Glass Bell, no embossing, mint 25.00 H-3 Threadless, green, mint 50.00 CD 164 Hawley, aqua, near mint 50.00 CD 160.7 American Insulator, lime green, near m 50.00 Porcelain Cross-top, Pat. dated 70.00 William P. Cosner, P.O. Box A, New Hope, PA18938

FOR SALE-- Life-like ceramic salt and pepper shakers made in the shape of CD 735 embossed Mulford & Biddle and CD 736 embossed E.R.W. Colors: \$8.00 per set or \$10.00 for gold. These pieces cannot be mistaken for a real insulator. Satisfaction guaranteed. When ordering specify color--blue, green, brown, or gold. Add \$1.00 per set for handling. Ferd Huber, 385 Allendale Rd., King of Prussia, PA 19406.

\*\*\*\*\*\*\*\*\*\*\*\*\* \*\*\*\*\*\*\*\*\* YANKEE POLE CATS INSULATOR CLUB SWAP AND SELL MEET Feb. 23rd 10 A.M. to 4 P.M. (energy crisis permitting) American Legion Hall Cromwell, CT For show information contact: Doug MacGillvary, 51 Avondale Rd. Manchester, CT. 06040 Ph. 203-649-0477  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.

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