

CROSS ARMS MAGAZINE

CROSS ARMS is published monthly by James Garrity at Box 117, R.D. #1, Paxinos, PA 17860. Tel.: (717) 672-9326.

Second class postage paid at Paxinos, PA

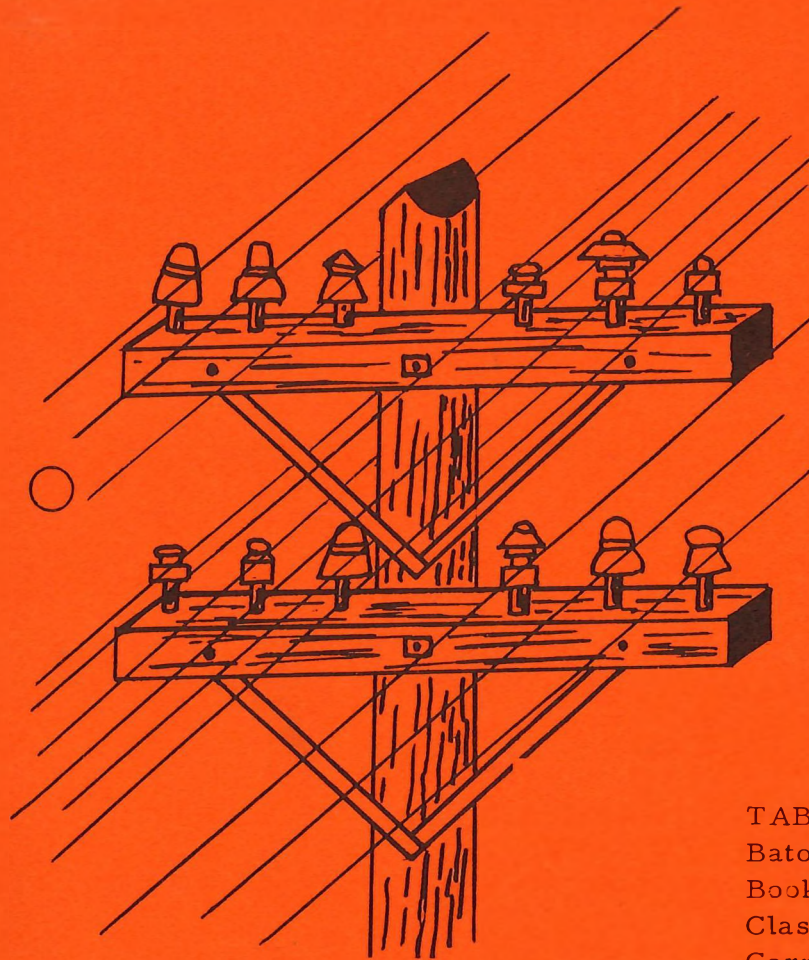
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 Information Co-Ordinator Bob Wilson

Single copy \$.60
 Subscription price \$6.00
 (12 issues)
 Back issues 60¢ ea.
 (not all issues available.)

Vol. 4, No. 3

APRIL, 1975

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an
insulator collectors'
magazine

60 cents

We are happy to announce the addition of two new staff members to CROSS ARMS MAGAZINE.

Mrs. Donna Bobb of 610 Northampton Rd., Norristown, PA 19401. She is our Subscription Co-ordinator and is in complete charge of new subscriptions, show ribbons, and free information.

Mr. Bob Wilson of 12612 Chilton Rd., Philadelphia, PA 19154. Bob is our Information Co-ordinator and he is in charge of information-research-and pictorial presentation for the magazine.

Both Bob and Donna are trying very hard to make CROSS ARMS the best insulator magazine available and any help you can give them will be appreciated.

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BOX 117, R. D. No. 1, PAXINOS, PENNA. 17860

REMINISCENCES OF AN INSULATOR COLLECTOR

by John J. Fischer

Why did I ever start collecting glass insulators? Well, it's a long story, not unlike that of many other members of our relatively new hobby. I remember the embryonic beginnings of my entrance into, what is today, an obsession. Lest I bore the readers of this article with trivial minutia from my past, I shall refrain from laboring over the first glass insulator I found, what it was, and how I found it. (Needless to say the insulator was quite undesirable even in a beginners collection today.)

The first insulator, if one has a proclivity to pursue its origin and history, inevitably leads to a second insulator and so on. Eventually, one acquires enough pieces to consider himself a collector. To this date it is indeterminable at which number of insulators one metamorphosizes from neophyte gatherer of glass to "graduate collector" of insulators. Every individual who desires to pursue the hobby of collecting these glass gems (I use the term "gems" because of the price some of today's collectable glass insulators are marketing for) has many inconsistencies to contend with.

I. The first of these is acquiring those pieces one deems desirable for a collection. In the beginning, shapes and color often dazzle the alluring collector, for he hasn't become familiar with the intricacies of the hobby. Later, color and shape often are replaced by desirability or scarcity. In the end, one often arrives at a point in his collecting life where his desires overshadow his capability to acquire what he wants. As is true in all collective hobbies, one desires often transcend one's needs. The method by which I obtained my first insulator was quite rudimentary. It consisted of walking looking, and using the prehensile characteristics of the human hand.

Today, however, such methods have given way to trading, buying, and digging.

The telephone and telegraph lines are dwindling in number. The acquisition of glass "hot off the line" is becoming less practicable as old lines are already picked and new ones are underground. Of course, there are still many new finds made in our hobby, but I'm sure they will decrease as the hobby expands. The glass in circulation will circulate or cease to circulate with its demand by the enthusiasts of our hobby. At one time an insulator, first uncovered, is priceless, find more and the price comes down. Don't find enough and it's still expensive.

II. The second inconsistency with which a new collector must contend, is getting acquainted with his peers (fellow collectors). I, personally found this part of insulator collecting: 1. Rewarding, 2. Frustrating, 3. Psychologically Stimulating.

1. Rewarding, because one meets many collectors who are genuinely interested in expanding the hobby and helping new collectors get started on the right foot.

2. Frustrating because, one often writes ten letters to those people he wishes to establish a rapport with; and gets only 6 replies, (from collectors) 3 of which don't take much time or consideration in answering the queries of their fellow collectors.

3. Psychologically stimulating, to try to understand the various types of collectors one meets.

There are three basic types of collectors, without going into splinter variations.

a. The first is the good samaritan, who is characterized by his fair dealing with all his fellow collectors, new to the hobby or well established in it. He is actively engaged in helping new collectors get started, trades, sells, and describes his glass equitably. He is a genuine insulator collector. Admired by one and all.

b. The wheeler dealer is the second type. His motto is "Do unto others before they do unto you". His trade marks are:

buy cheaply, and sell high (the same laws apply to his trading). Never help anyone because they won't appreciate it anyway! My collection must be the best, no matter how I have to acquire it! Many insulator collectors today, are, I'm convinced, in the hobby to make a buck. Some are so avaricious as to take advantage of newly dedicated collectors. These individuals are NOT needed in any hobby. As with all hobbies, stories have circulated concerning the dealings between collector and neophyte collector. They usually wind up in the classis response: "I sold his a \$5.00 insulator for \$15.00...hope he comes back for more."

c. The third example of the collector is the clandestine type. He spends much time pursuing the development of his collection, but little or no time aiding and abetting his hobby. In our hobby, I see a chronic occurance of the same names in insulator magazine articles. Out of all the advocates who claim to be insulator collectors, how is it possible we are plagued with a "silent majority."

To try to synthesize my recollections would probably take 24 hours around a table with several willing listeners, and a few dozen cups of coffee. In abbreviation, I will bow to discretion and close my already unusual essay. What we, as collectors, need are more informative articles in our publications, and maybe a few more publications. More numerous localized insulator shows. A greater desire to help new collectors get started, and established collectors to know each other better.

INSULATOR OF THE MONTH (tear out
by E. C. Storey on
page 7)

Last month I said we would feature Whitall Tatum insulators this month. Reader response on CD 121 AT&T insulators has been sufficient for me to change, however. We will catch the W. T. #1 in a later month.

John DeSousa of Bloomfield, Connecticut, Dale Dawson of Hutchinson, Kansas & the Drummonds of the Ohio Valley Insulator Club in Cincinnati all shared interesting variations of this familiar insulator.

Next month I will feature a H. G. CD 145 or 151, whichever I receive the most response on. Beyond that I will try to cover the wooden trolley insulators. I have also had a request on a CD 112 Brookfield and will feature that at a later date. Please let me know what variations on this insulator you have, particularly off-center embossing.

I would like to feature a CD 162.5 PLW by Brookfield at some future date, but I need a specimen. If any reader would have one they would sell reasonably, please let me know. When writing please let me know where it was found.

Some readers have written about problems findins insulators along railroads. With the many miles of abandoned railroads in this country it seems better to look here than along the already troubled operating railroads. This is more true when you consider that threadless and other rare insulators are being found in the ground-- not on poles. For people who hunt insulators in Maine, the book ABANDONED RAILROADS IN MAINE by the Department of Parks & Recreation lists the abandoned railroads in this state, their history and a map of locations. It can be obtained from Maine libraries; even by your local library on interlibrary loan. If readers are interested, I'll mention other sources of abandoned railroad information in the future.

NOTICE: Bids for National Insulator Association Regional and National Shows should be submitted to Regional Vice-presidents or the NIA office as far in advance as possible. ALSO: Clubs desiring to have local shows NIA-sanctioned should contact the NIA office for details. Address: Executive Director, Howard Banks, 1750 3 Hugo Road, Merlin, Oregon 97532.

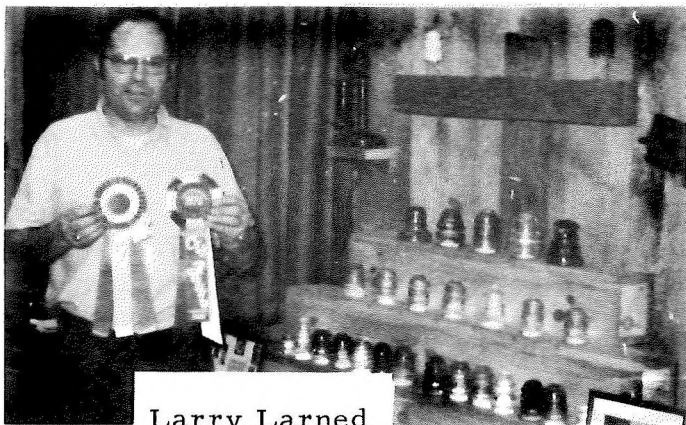
YANKEE POLE CAT SPRING SHOW

by Charlie Angevine

The show was held in the K of C hall in Glastonbury, CT on February 23rd. Twenty one sales and seven display tables were occupied. Despite nearly torrential rains most of the morning about 175 spectators turned out. Those who braved the storm were treated to a glittering array of some of New England's finest insulators on display and for sale. Dealers from New York, New Jersey, Pennsylvania, Rhode Island, New Hampshire and Massachusetts as well as Connecticut were offering their wares.

Two of our non-dealing members served as judges for the OBX ribbon and the Brookfield Catalog re-print. We thank the magazine editors and the Milhollands for donating the prizes.

The OBX ribbon was awarded to Larr Larned of Hebron, CT for his display-



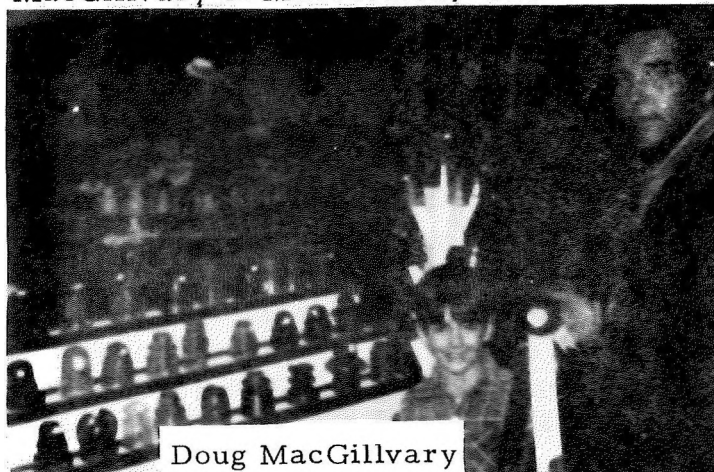
"Communication-Telephone-Telegraph". This award was for 'Most Showmanship' and was presented by Joe Maurath, who is the insulator editor of Old Bottles Magazine.

The Brookfield Catalog was awarded to Todd Rogers for his fine display of Brookfield insulators. Todd, who is 13 yrs old and lives in Willamantic, CT received his prize from Mr. William Brookfield. Mr. Brookfield complimented Todd on his display and disclosed that Todd beat him to an insulator he needed earlier in the show. Another case of the early attendee gets the insulator

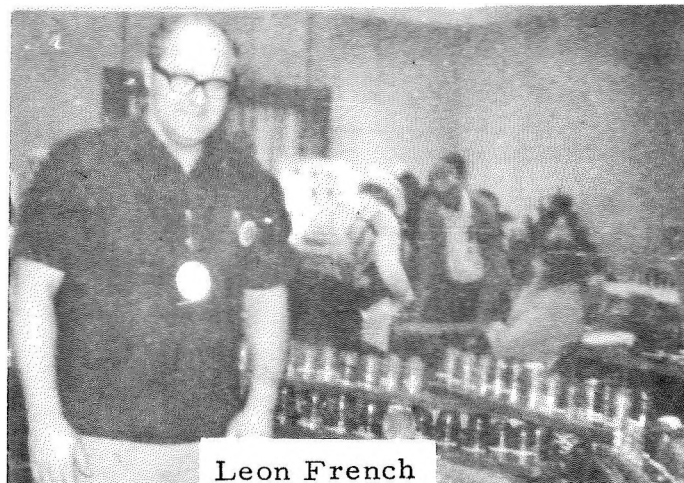


Todd Rogers

Based on spectator voting four other 'People's Choice' ribbons were awarded. Presentations were made by Club President, Greg Gallager: "Best Sales Table"; Crown Jewels First Place Ribbon to Doug MacGillvary of Manchester, CT.



"Runner up Sales Table"; CROSS ARMS Second Place Ribbon to Leon French of Bedford, NH.



Second Place Ribbon to John De Sousa of Bloomfield, CT for his display "Telephone Helpers."



John De Sousa

"Best Display Table"; CROSS ARMS First Place Ribbon to Larry Larned for his previously mentioned display.

Our thanks to all who brought their glass out of hiding for everyone to see. Our congratulations to the winners and to the ones who didn't win, don't give up hope, try another display for the next show.

Buying selling and trading went on at a brisk pace all day and many pieces changed hands. With all the business being done one would have thought that income tax refunds and rebates had arrived.



BATON ROUGE, LA BOTTLE SHOW
by Doug Anderson

The show as far as insulators goes wasn't a large success as it was a bottle show. We were honored to have Mr. and Mrs. Sharer from Iowa down for the show.

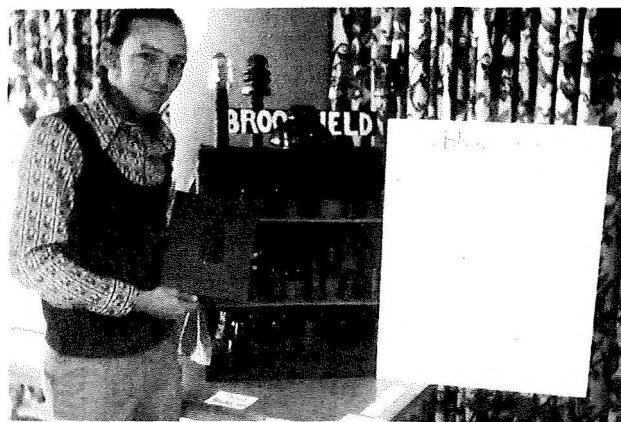
Kelly Bridges won First place with his display of some of the most colorful signals in all different colors from royal purple to cobalt blue.

Doug Anderson won the Brookfield catalog for the best and only Brookfield display. The catalog was donated by Richard Sharer.

Trading between the few collectors was hot and heavy. I believe everyone was happy with their deals.



Kelly Bridges, First place.



Doug Anderson, Brookfield catalog.

NIA NEWS-- by Howard Banks

The NIA announces sanctioning of the Washington County (Pa.) Bottle & Insulator Club Show and Sale, June 22. NOTICE: The club will retain its own exhibit judging rules. However, Bill Cole has agreed to use NIA rules pertaining to insulator activity at the show.

The show's admission price at the Holiday Inn facility will be \$1.00. Six foot tables (sales) are \$5.00 each. Show open to public June 22, 9:00 AM to 6:00PM. Completely self-contained campers may use Holiday Inn parking lot for overnighting.

+ + + + +

NIA Nominating Committee--For the office of President of the NIA, Jerry 5 Turner, of Goshen, Ohio and Paul Houpt,

of Columbia City, Indiana have been nominated.

For the office of Western Regional Vice-President, W. B. "Rip" West, of Kingman, Arizona and Bill Galloway, of Oroville, California have been nominated.

(Names of nominating committee members are available upon request.)

Also, Tom Louden, president of the Capital District Insulator Club (Albany, New York), has told me of thier new club policy. Without raising membership dues, the club is going to give \$2.00 of each member's dues to the NIA so that each club member will also be an NIA member. Tom says the NIA will receive 50 new members as a result of this policy; and he hopes other clubs will also adopt this policy.

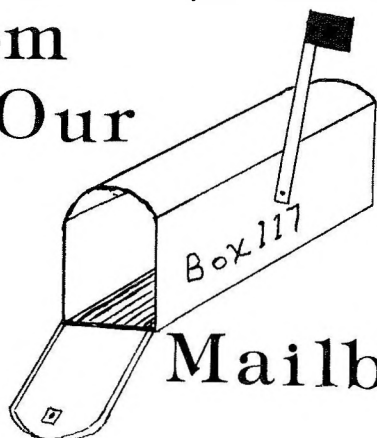
BOOK REVIEW

"Unique Collectible Insulators", Non-glass non porcelain, wooden, rubber, composition and metal. Author, Gerald Brown, Two Buttes, Colorado 81084.

This book is 94 pages, 8 1/2 X 11, soft bound. This book is divided into 6 sections. Wood, Metal, Hooks, Composition, Rubber, & Plastic. Each section contains patent information, catalog reprints, actual insulator photos and sketches which deal with that particular section.

Gerald has spent a lot of time and effort assembling all this information. It is well worth the \$4.00 price that Gerald is asking. Every collector should read this book for his own benefit. You would be surprised at what you'll learn.

From
Our



Mailbox

Dear Jim:

I like your new format, but I have a question on three ring note book. Will CROSS ARMS be putting out a three ring note book for us to buy? It would be nice to have an offical monagramed note book on our shelf.

John deSousa

Dear John,

At this time we don't have plans for a binder, so use what ever you have available, and the money you save can go toward that insulator you've got your eye on.

Jim

* * * * *

Dear Mr. Garrity,

I have come across a Brookfield insulator a bit shorter than a Hemingray NO-9. It has Brookfield on the front, nothing on the back and the figure 2f on the crown, smooth base and green. Could you tell me the CD number?

Gordon Hasse

Dear Gordon,

Sorry, Gordon, but you haven't sent me enough info. If you could send me a full size sketch, I will be able to answer your question.

Jim

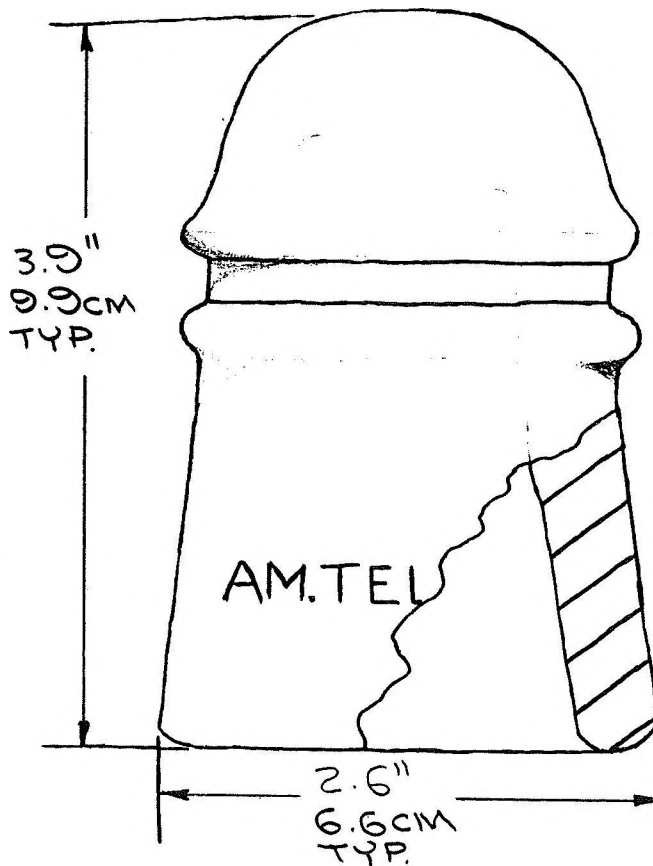
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MARKET NEWS

Connecticut Show			
CD			
123	ECM		\$37.00
110.5	New Eng Tel & Tel		150.00
126	Olive Amber		30.00
116.5	Aqua	65	65.00
143	GNW small emb.		15.00
206	Castle lite green		80.00
234	Carnival		4.00
152	Cobalt		13.00
154	style black plastic		.25

AM.TEL. & TEL. Co.

c.d. 121



NO INNER SKIRT
MOSTLY NO DRIP POINTS
THREADED
MOSTLY AQUA

AT&T cd. 121 insulators are interesting because of the many variations to be found. The chart on the other side lists some of them. Apparently, they were ordered over a period of many years from various manufacturers across the country. The result was many variations of the specifications for shape & embossing.

Some insulators have letters that look they were hand scratched into the mold rather than having been made with letter stamps. The "&" symbol is frequently missing as it was probably neither included in letter stamp sets nor easy to scribe. AT&T apparently did not specify where required & mold makers tried every variation.

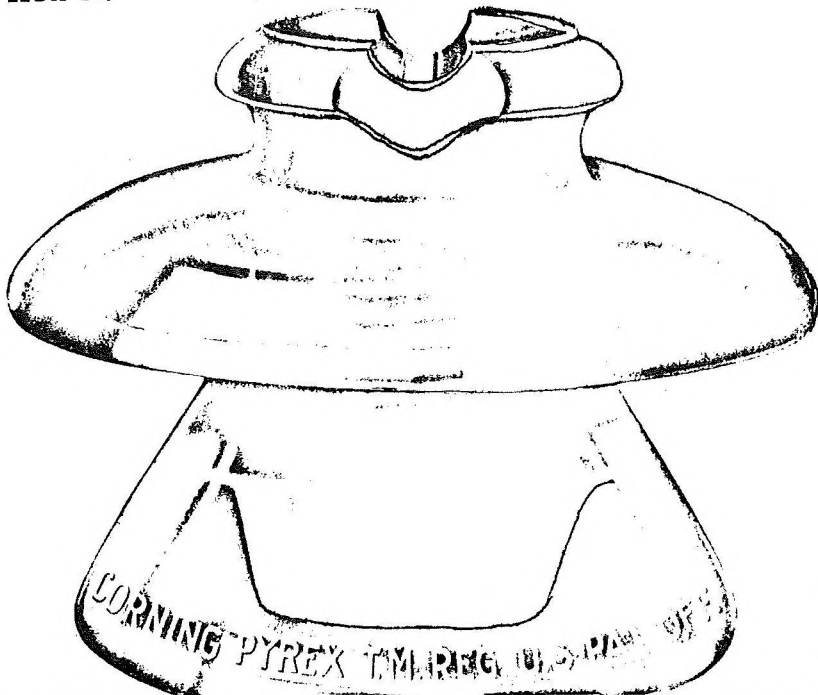
The skirt thickness varies widely. The earlier insulators had the thicker skirts that blended into the threads. Later insulators have thinner skirts & a distinct step before the threads start. The insulators having mold lines over the dome are similiarly older than those with mold lines stopping at the wire groove.

Record of Insulator

Where seen/found Price/condition Comments

EMBOSSING	DOME	COLORS	COMMENTS
AM.TEL.TEL.Co.	S 1	Aqua Green	Dome embossing suggests Brookfield
AM TEL TEL Co		Aqua Blue	Wide space between Tel Tel like "&" symbol was planned
AM TEL&TEL Co	7	Aqua	Brookfield
AM.TEL&TEL.Co.	01	Aqua	Brookfield
A. T & T C ^o		Green	
AM TEL.&TEL.CO.		Light Aqua to lime green	Letters blocked out
AM. TEL&TEL Co.	Crown embossing MLOD	Light SCA	Probably from Fla.
HEMINGRAY AM TEL & TEL Co		Aqua	Small sharp drips Like a #16
Am Tel & Tel Co	Crown Embossed	Lime green	
HEMINGRAY AM TEL&TEL Co		Aqua	Patented on back

This catalog reprint courtesy of Hency C. Novroski, 32 McHale St., Swoyersville, PA 18704. Due to limited space, the second half of the catalog will be in the May issue. If any of you readers have a catalog that you wish to share with fellow collectors-send it to us. We will be glad to publish it.



PYREX

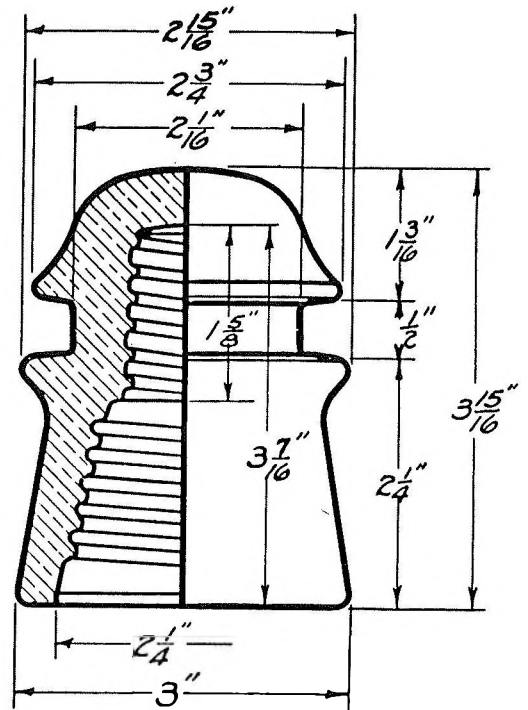
T.M. REG. U.S. PAT. OFF.

Power Line Insulators

CORNING GLASS WORKS
CORNING, NEW YORK

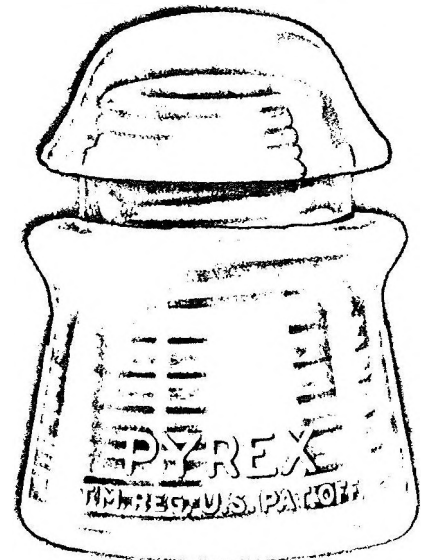


Electrical characteristics were measured under A. I. E. E. standard conditions. Voltages were determined by sphere gap measurement.



Specifications for
No. C 17 PYREX Insulator

Dry Flashover	45 kv.
Wet Flashover	26 kv.
Leakage Distance	5 1/2"
Arc Distance, Wet	15"
Size of Pin Hole	1"
Minimum Length of Pin	5 1/4"
Net Weight, each	1.13 lb.
Weight each, packed	1.119 lb.
Number in Package	50
Type of Package	carton



For telephone service

PYREX POWER INSULATORS



THE INTRODUCTION OF PYREX insulators in 1923 marked the start of a new era in power transmission. Here was pioneering. Here was improved insulation due for the first time to a new *material*: glass, to be sure, but so different from ordinary glass as to require a new concept of this versatile material.

The problem of melting this new glass was not unlike devising a container for a universal solvent. Its resistance to heat is higher, its coefficient of expansion lower than any other ceramic substance save fused quartz and the heat required to melt it quickly destroyed existing types of tanks in which glass is melted.

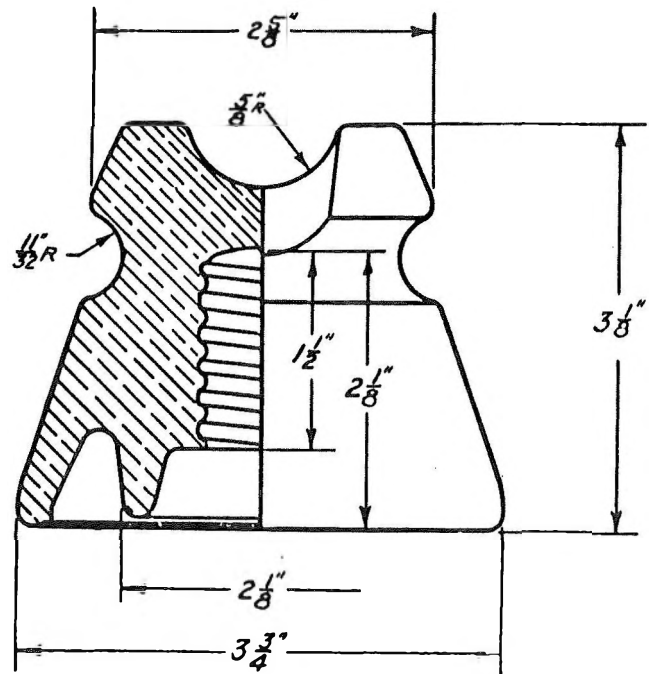
The laboratories of Corning Glass Works, leading technical glass manufacturer for sixty years, were assigned this initial problem to solve. As a result a new type of tank was developed which was able to withstand the new high temperatures satisfactorily.

The moulding of these insulators also presented difficult problems, for when the glass is melted it must be poured into a mould and pressed quickly into its final shape, before it cools and hardens. Step by step new or improved processes were developed by Corning laboratories for manufacturing, annealing, and testing PYREX insulators to provide more efficient insulation than the industry had been able to obtain heretofore.

Most of this superiority is inherent in the glass itself. It is uniform all the way through. Chip or break a PYREX insulator and the surface you reveal is exactly the same as the original outer surface of the insulator. All PYREX insulators are made in one piece, without cement or glaze.

The mechanical ruggedness of PYREX insulators is again inherent in the glass of which they are made. All PYREX insulators will withstand cantilever pull sufficient to bend standard pins.

An important safeguard provided by PYREX insulators is their high puncture voltage in air. Every PYREX insulator rated 13 kv. or more is subjected to a continuous five minute test at approximately 25% more than the normal dry flashover potential. Artificial lightning surge tests have demonstrated their ability to withstand steep wave front voltages of 1,500,000 volts—the limit of the equipment on which the tests were made.



Specifications for No. 61 PYREX Insulator

Dry Flashover	52 kv.
Wet Flashover	27 kv.
Leakage Distance	4 1/2"
Arc Distance, Wet	1 3/8"
Size of Pin Hole	1"
Minimum Length of Pin	4"
Net Weight, each	1.22 lb.
Weight each, packed	1.34 lb.
Number in Package	50
Type of Package	carton

Brown marker type also available.



No. 61

6,600 volts

CORNING GLASS WORKS

PYREX

T. M. REG. U. S. PAT. OFF.

POWER LINE INSULATORS

PAT. MAY 27, 1919

TRANSMISSION and distribution insulators should be made only from material possessing unusual electrical, thermal and mechanical properties. PYREX insulators manufactured by the Corning Glass Works have these essential qualities.

Homogeneous

Formed by the complete fusion of its constituents, the most important of which are the oxides of silicon, boron and alkali. It is non-porous.

An unusually high permanent dielectric strength

The design of various types of PYREX insulators is such that puncture strength exceeds A. I. E. E. Standard specifications.

PYREX insulators have high electrical resistance

The chemical stability of the material prevents the surface from being hygroscopic. The result is quick drying and low surface conductivity. The volume resistance is extremely high.

PYREX insulators are transparent to solar heat

They increase but slightly in temperature when exposed to the sun. Stresses due to temperature variations within the insulator itself are a minimum.

PYREX insulators resist power arcs

Tests prove that these insulators maintain satisfactory line insulation when subjected to an arc of 1800 amperes for two seconds.

Low dielectric loss

Low linear coefficient of thermal expansion

0.0000032 per degree Centigrade rise or fall in temperature is the value obtained for this constant. Few substances occur in Nature with an expansion as low as this.

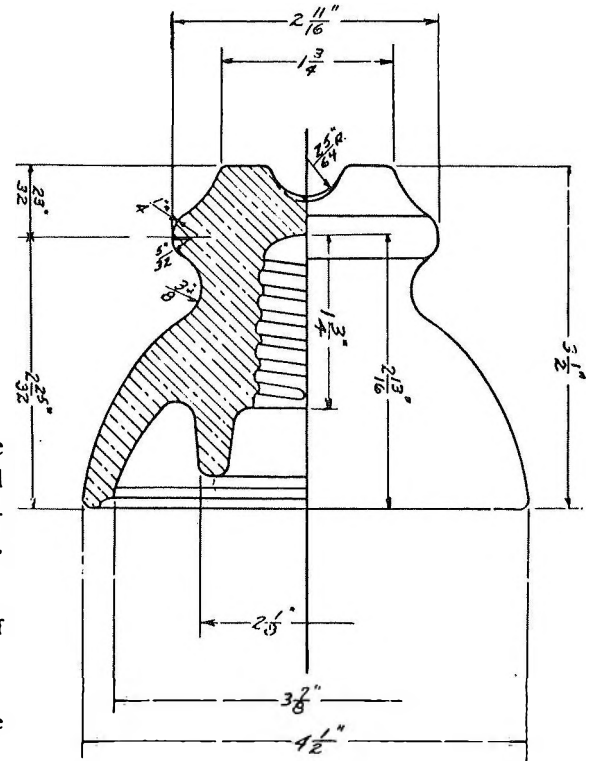
Chemically stable

Tests demonstrate the extraordinary resistance of PYREX insulators to solution by water, acids and alkalis. The exceptional service rendered by PYREX products in the chemical laboratories of the world bears out this statement.

PYREX insulators are easily inspected for internal defects

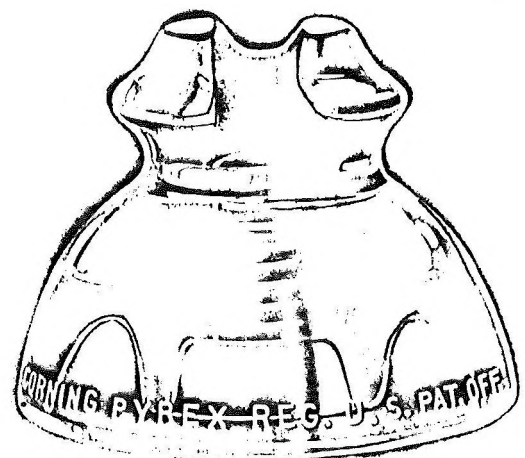
The transparency of PYREX insulators permits them to be inspected visually for internal defects. This inspection may be made in the factory, during installation, or in service. This advantage, combined with thorough electrical tests, insures sound insulators.

NOTE.— All electrical characteristics determined by Purdue University Laboratory, Lafayette, Indiana, and Electrical Testing Laboratories, New York City, in accordance with A. I. E. E. insulator test specifications.



Specifications for
No. 131 PYREX Insulator

Dry Flashover	63 kv.
Wet Flashover	33 kv.
Leakage Distance	5 1/2"
Arc Distance, —Wet	1 3/4"
Size of Pin-hole	1"
Minimum Length of pin	5"
Net Weight, each	1.6 lb.
Weight each, packed	1.8 lb.
Number in package	24
Type of package	carton



11

No 131

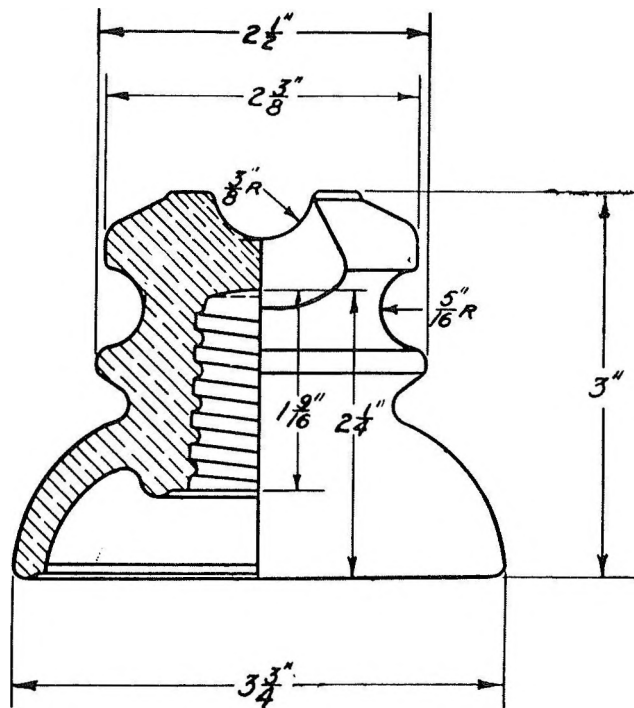
13,000 volts

Power arcs of 2,000 amperes or more maintained for several seconds result only in crazing the surface of PYREX insulators to a depth of about 1/16 inch. Their insulating value remains practically unimpaired and the line will go back into service immediately.

The transparency of PYREX insulators—greater than the finest plate glass—has permitted more rapid progress in their development than could possibly have been made with an opaque substance. At every step in their manufacture they are visually inspected clear to the pinhole. It would be almost impossible for any defect to go unnoticed—a fact that is well demonstrated by the small number of failures in electrical tests; less than one fortieth of one per cent fail to pass.

On your lines the transparency of PYREX insulators results in the transmission of sunlight to such a degree that even the hottest sun does not raise the temperature of the insulator appreciably above that of the surrounding atmosphere. Destructive stresses from sun heat and consequent line failure are eliminated when you equip your lines with PYREX insulators.

In 44 states, Alaska, Canada, Brazil, Mexico, Venezuela, South Africa, India, Australia and other foreign countries, PYREX insulators are improving operating efficiency and lowering maintenance costs.

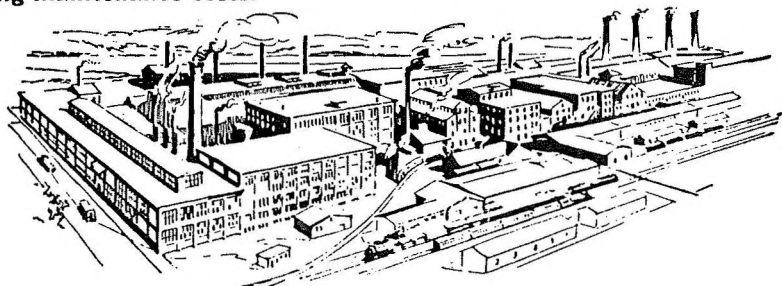


Specifications for

No. 62 PYREX Insulator

Dry Flashover	54 kv.
Wet Flashover	29 kv.
Leakage Distance	4 5/8"
Arc Distance,—Wet	1 3/8"
Size of Pin Hole	1"
Minimum Length of Pin	4"
Net Weight, each88 lb.
Weight, each, packed	1 lb.
Number in Package	50
Type of Package	carton

Brown marker type also available.



PYREX is a trade-mark and indicates manufacture by Corning Glass Works.

CORNING GLASS WORKS, CORNING, N. Y., U. S. A.

World's Largest Maker of Technical Glass

PRODUCTS

- PYREX Ovenware
- PYREX Nursing Bottles
- PYREX Teapots
- PYREX Laboratory Glassware
- PYREX Radio Insulators
- PYREX Power Line Insulators
- PYREX Industrial Products
- Steuben Art Glass
- Incandescent Lamp Bulbs
- Thermometer Tubing
- Railroad and Marine Glassware
- Tubing and Cane
- Optical Glass
- Filter Glasses

Ultra Violet Absorbing and Transmitting Glasses
 Technical Glasses of All Kinds

New York Address, 501 Fifth Avenue

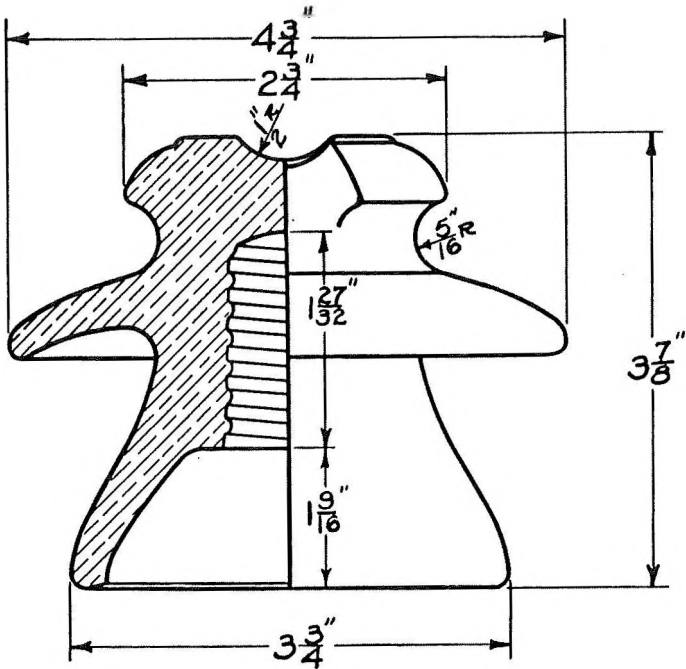
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Printed in U. S. A.



No 62

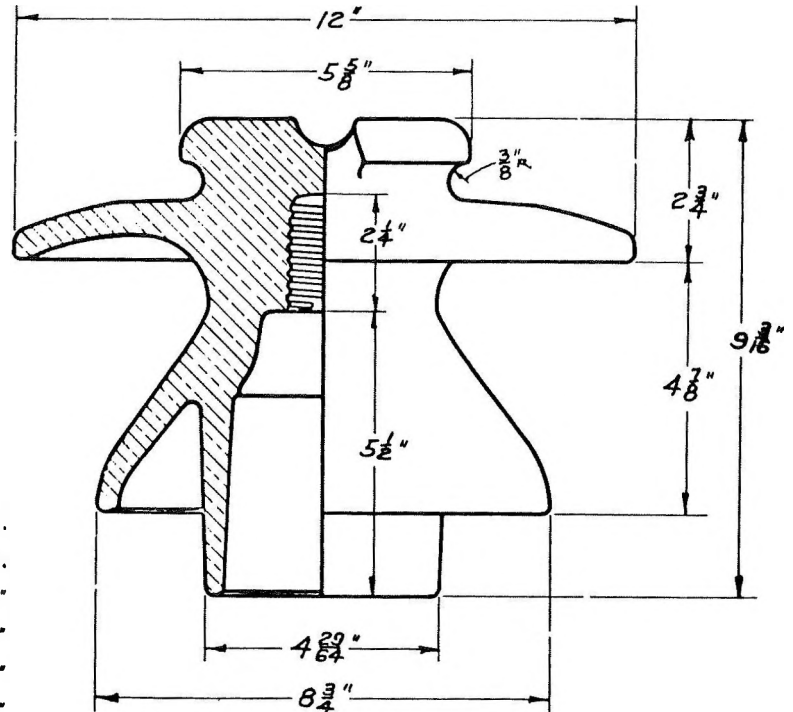
8,000 volts



Specifications for
No. 171 PYREX Insulator

Dry Flashover.....	72 kv.
Wet Flashover.....	45 kv.
Leakage Distance.....	7 1/4"
Arc Distance,—Wet.....	2 3/8"
Size of Pin Hole.....	1"
Minimum Length of Pin.....	5"
Net Weight, each.....	1.66 lb.
Weight, each, packed.....	1.83 lb.
Number in Package.....	24
Type of Package.....	carton

CORNING GLASS WORKS

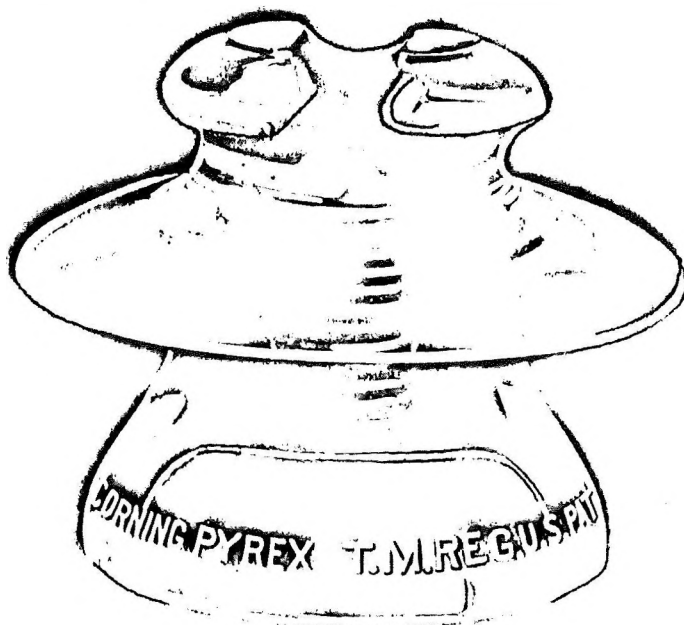


Specifications for
No. 553 PYREX Insulator

Nominal Rating 55,000 volts

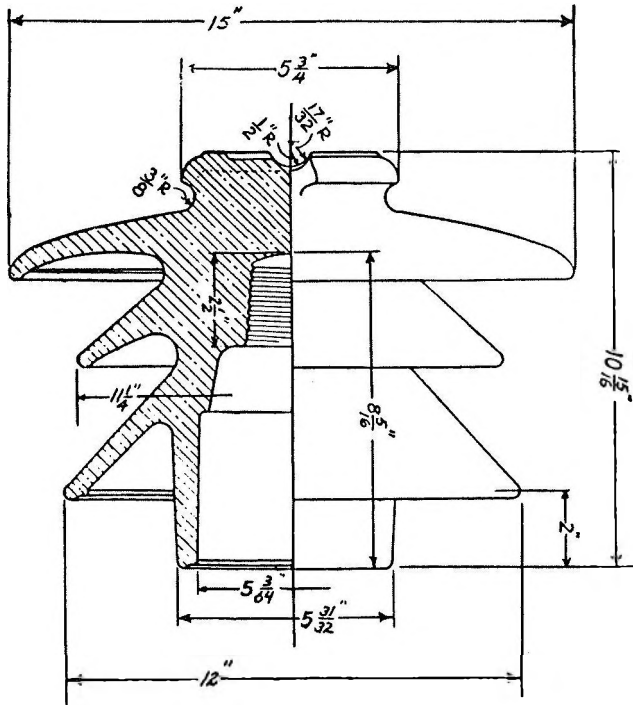
Dry Flashover.....	165 kv.
Wet Flashover.....	103 kv.
Leakage Distance.....	26"
Arc Distance,—Wet.....	7 1/4"
Size of Pin Hole.....	1 1/8"
Minimum Length of Pin.....	10"
Net Weight, each.....	16 lb.
Weight, each, packed.....	21.3 lb.
Number in Package.....	3
Type of Package.....	box

Electrical characteristics were measured under A. I. E. E. standard conditions. Voltages were determined by sphere gap measurement.



No. 171
17,000 volts

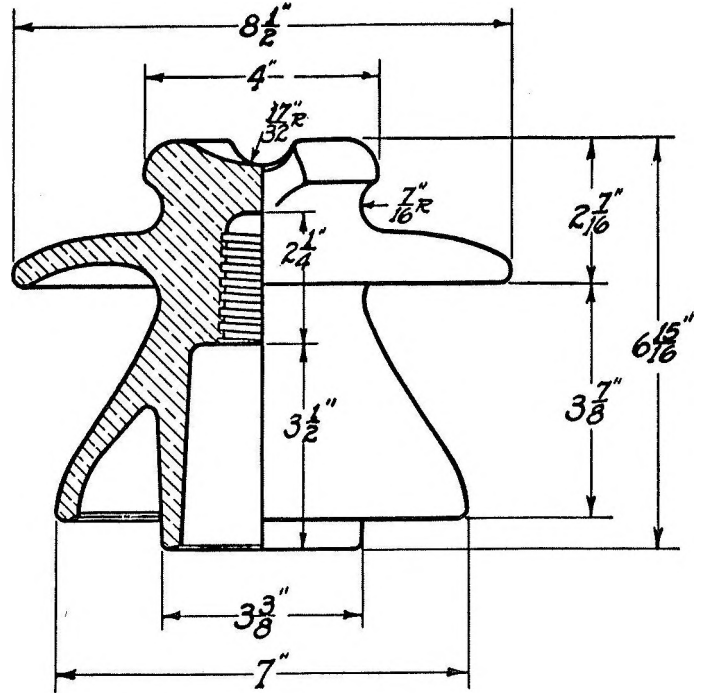
CORNING GLASS WORKS



Specifications for
No. 701 PYREX Insulator

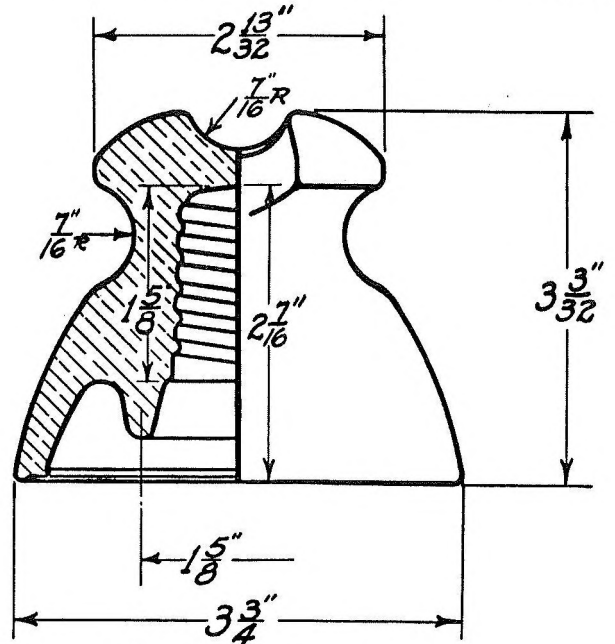
Dry Flashover.....	200 kv.
Wet Flashover.....	140 kv.
Leakage Distance.....	34 3/4"
Arc Distance, Wet.....	10 7/8"
Size of Pin Hole.....	1 3/8"
Minimum Length of Pin.....	13"
Net Weight, each.....	38.25 lb.
Weight, each, packed.....	44 lb.
Number in Package.....	one
Type of Package.....	box

Electrical characteristics were measured A. I. E. E. standard conditions. Voltages were determined by gap measurement.



Specifications for
No. 353 PYREX Insulator
Nominal Rating 35,000 volts

Dry Flashover.....	125 kv.
Wet Flashover.....	75 kv.
Leakage Distance.....	17"
Arc Distance,—Wet.....	5 1/2"
Size of Pin Hole.....	1 3/8"
Minimum Length of Pin.....	8"
Net Weight, each.....	8 lb.
Weight, each, packed.....	10.8 lb.



No. 63 PYREX Insulator
Nominal Rating 8,000 volts

SAN DIEGO

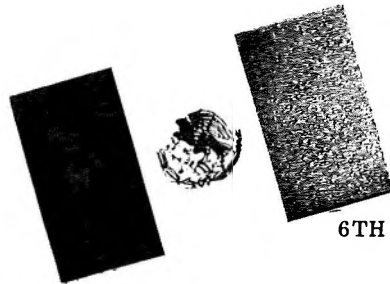
6TH NATIONAL INSULATOR ASSOCIATION CONVENTION

July 11, 12, 13, 1975

El Cortez Convention Center, San Diego, California

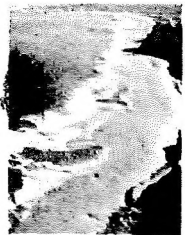
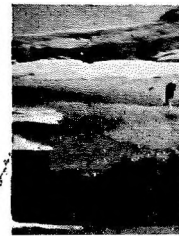
Admission - FREE

- TABLES - \$36.00 for 3 days 8' x 30"
 \$28.50 for 3 days 6' x 30"
 SECURITY-DISPLAYS - Free - If interested in displaying, please send a full description of display. Displayers will be notified of acceptance. Awards will be given.
- SCHEDULE -



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 international playground

6TH NATIONAL INSULATOR ASSOCIATION CONVENTION

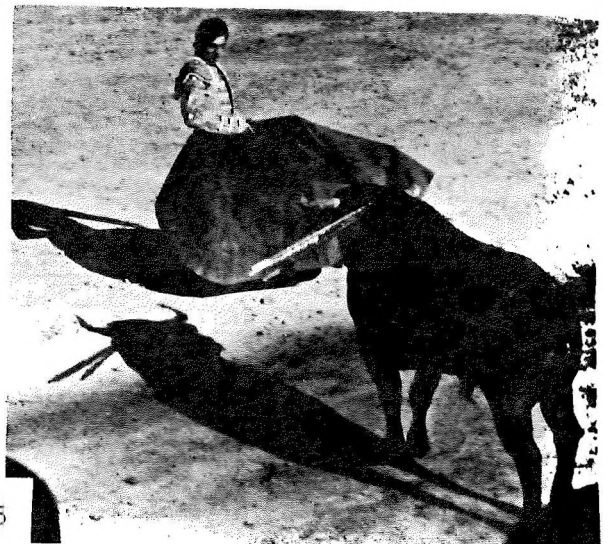
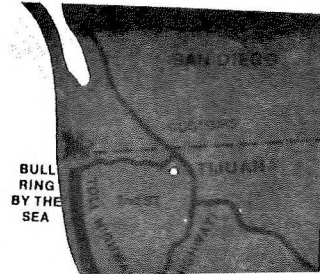


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Jai Alai, Fronton Palace



6th N. I. A. Convention
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 El Cajon, California 92021

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CD 145 H. G. Co. / Petticoats
(in all colors)
By Specialty Collector
Send them or write to:
Mrs. Wes Gordon, 3269 N. Mt.
View Dr., San Diego, CA 92116
Ph. (714) 282-5101
I pay your price on those I keep. I pay all post-
age & ins. All correspondence will be answered.

I have 1 N. E. G. M.
Straight Sided
No. 4 Cable
(New CD #) - 1 dime
size bruise. Will trade for 1
Mint Jumbo with ears.
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R. D. #3
CORTLAND, NY 13045
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Old Porcelain Insulator collection for sale. Many
doubles. Will trade reasonably for glass insulators.
Write to J. J. Benkert, 27 Brewer St., Kingston,
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BOOKS--Complete your insulator library with
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OND EDITION"- \$6.00 pp. "COLLECTIBLE PORCE-
LAIN INSULATORS"-SUPPLEMENT"- \$2.50 pp.
Order from Author, Gerald Brown, Two Buttes, CO
81084. 6

I have a Insulator I will take mail bids on, with
money-back guarantee. CALIFORNIA # Helmet
C. D. # 260-in beautiful bubbly Red S. C. A. 1 3/8"
saddle groove with amber swirls in the glass. Will
ship to high bidder by July 1, 1975. Bids accepted
in cash or trade. Value insulators for my collection
Mint, glass colored-"Via Milholland's '75 Price list.
Hank Durnil, 1822 Rockefeller, Everett, WA 98201.
====Also CD 131. 4 NO NAME. Very crude old bubbly
lt. aqua with milk glass feather and swirls in it.
PATENT/DEC. 19, 1871 side of crown, smooth base
M. L. up to button-Back No-on side of dome. Same
deal as above. Hank Durnil, 1822 Rockefeller, Everet
WA 98201. 6

For Sale or Trade, Plus Postage: CD 150 Brookfields
Aqua, very near mint, \$75.00 ea. CD 100 Surge,
Clear Mint \$3.00 ea. CD 218 Hemi 660, Clear and
CD 238 Hemi 514 Clear Mint \$1.50 ea. Art Kottman,
101 Namkee Rd., Blue Point, N. Y. 11715, (516)
363-2090.

Oxalic Acid - Why pay drug store prices?! 8 oz.,
\$1.50; 1 lb., \$2.50; 5 lb., \$8.00 PPD, directions.
Bill Ginn, Rt. 6, Salters Rd., Greenville, SC 29607.
(803) 288-2446. 5

WANTED by Hemingray Collector-CD 142; 124. 2, 230.1
camival; 194/195. Must be mint. Please send descrip-
tion and best price to Jim Morrow NIA 577, Elm Ave.,
Selkirk, NY 12158. 16

FOR SALE OR TRADE- Over two hundred insulators,
mostly glass, some porcelain. All mint to near mint.
No threadless. To be sold or traded as package for
best cash or threadless offer. Write or call: Mike
Serbin, 41 Orchard Avenue, Trenton, N.J. 08638
(609) 737-3939.

FOR SALE: CD 113-clear-never used. F-Whitall Tatum
N° 13/#; B- Made in U. S. A. /# \$5.00 each plus
60¢ postage. Tom Moulton, 17 Cornelia Ave., R. D. #1,
Ballston Lake, N. Y. 12019.

NEW INSULATOR LIST. LOW PRICES. SASE. Several
cables like Lynchburg 181-M&E 401-Chambers-Brook-
field embossed cables. Ken Ricketts, 1046 Marton St.,
Laurel, MD 20810.

Hemingray 720, Hemingray 4, Hemingray 60, N. M.
3 for \$5.00, mint 3 for \$10.00. Also have 15 page list
of insulators & LRB's for sale. McManis, 16006 West
Holdridge, Wayzata, MN 55391.

PORCELAIN INSULATORS GUIDE BOOK FOR COL-
LECTORS., the standard reference for pin-type por-
celains. Universal Style Chart with all U-number
scale drawings. Markings company histories, prices,
etc. Hardbound, 206 pages, \$10 postpaid. Also Sup-
plements A and B, \$1.95 each. From Author, Jack H.
Tod (CA), 3427 N. 47th Place, Phoenix, AZ 85018.

PAYING CASH for Threadless and rarer types of in-
sulators or quantities. What have you?? SASE for new
list. L. Veneziano, 27 W. 115 Vale, West Chicago, IL
60185. 6

CD 134 G. E. Co., aqua, NM \$8.00; CD 143 Dwight,
aqua, chips, \$3.00; CD 145 Am. Insulator Co., 3
dates, aqua, 2 small dings on crown, \$7.00; CD 145
Am. Insulator Co., 3 dates, aqua chipped on base,
\$5.00; CD 145 Standard Glass Co., aqua, mint, \$110.00
CD 252 Cable No. 2, lt. green, NM, \$8.00; CD 259
Oakman Mfg. Co., aqua, chip on inner skirt, \$15.00.
Russell Collins. RFD L, Box 558, Yarmouth, Maine
04096. Postage extra.

our **Sale of Sales!**

CD			
120	H. Brooks, blue	NM	\$30.00
134.4	No Name, beautiful apple green	NM	50.00
104	National, sliver base chip, aqua, rare		60.00
143	Withycombe, usual flaking, nice SCA		50.00
134	Oakman, 1 chip, not bad, aqua		60.00
160	No Name, K. C. G. W. No. 2, lt. green	VNM	40.00
134.4	Pettigell Andrews, rare,	VNM	70.00
164	Star, lavender SCA	VNM	40.00
156.1	Postal Tel. rim embossed, aqua	VNM	22.50
162.4	1678, nice SCA, minor chip		50.00
262	No. 2 Columbia, green	NM	60.00
263	Hemi Columbia, blue aqua, drips	VNM	90.00
102	B. T. C., purple	NM	5.00
143	C. P. R., purple	VNM	9.00
102	◇ olive amber	VNM	1.50
162	Maydwell, milkglass	VNM	4.50
102	Sterling, aqua	VNM	6.00
143	C. P. R., Withycombe, aqua, minor damage		18.00
235	662 carnival (orange)	VNM	6.50
234	663 carnival (orange)	VNM	6.50
112	Hawley, aqua, minor damage		4.00
175	Hemi 25, aqua	VNM	9.00
117	&, aqua	VNM	14.00
134	1865 Cauvet, aqua	VNM	3.50
131	(concave) 45 Cliff St., aqua, minor damage		12.00
145	Hawley, very crude, aqua	VNM	3.00
145	B, SCA	NM	4.00
145	G. N. W., purple	NM	9.00
254	No. 3, Cable, emerald green, I. S. C.		22.00
145	H. G., jade green	VNM	3.00
154	Dominion, yellow amber	VNM	15.00
154	Dominion, root beer amber	VNM	15.00
306	N. E. G. M. under Lynchburg, minor damage (very rare)		200.00
102	Hawley, aqua	VNM	3.50
162	Hamilton Glass Co., aqua	NM	22.00
205	Brookfield #3 trans., minor damage, aqua		4.00
205	Brookfield #3 trans, I. S. C., aqua		2.50
205	Gaynor 530 (no drips), aqua	VNM	6.50
160	B, No. 32, olive green	VNM	22.00
160	B, drip points, aqua, little damage		4.00
160	California, SCA	VNM	8.00
162.5	P. L. W., aqua	VNM	15.00
167	Armstrong 51C1, amber	VNM	2.50
216	W. T. 512U, amber	VNM	2.50
216	Armstrong 512U, amber	VNM	2.50
272	Armstrong 511A, amber	VNM	2.50
740	Tillotson, 16 Bdwy, lopsided top, black amber has sliver chip on base (professional repair)		500.00
740	Tillotson, 16 Broadway, rare yellow-green, internal crack, and minor base chip, (professional repair)-must see to appreciate.		500.00

Have many more so please list your wants. Also buying collections and extras. Cash or commission. Postage-\$1.00 first insulator, 50¢ all others.

BRAD AND NANCY COOK
507 RIDGE ROAD
LANSING, NY 14882

Mint C. D. #162-Lynchburgs #36 aqua. For Sale-\$3.50 postage paid or trade-make offer. E. R. Spurling, 420 Sterling St., Sedro-Woolley, Wash. 98284.

WANTED!! Cobalt (and similar blues) insulators. Especially need CD 164. Good trades + cash. Rick H. Jones, 5618 Hollyhock Dr., Dayton, Ohio 45449.

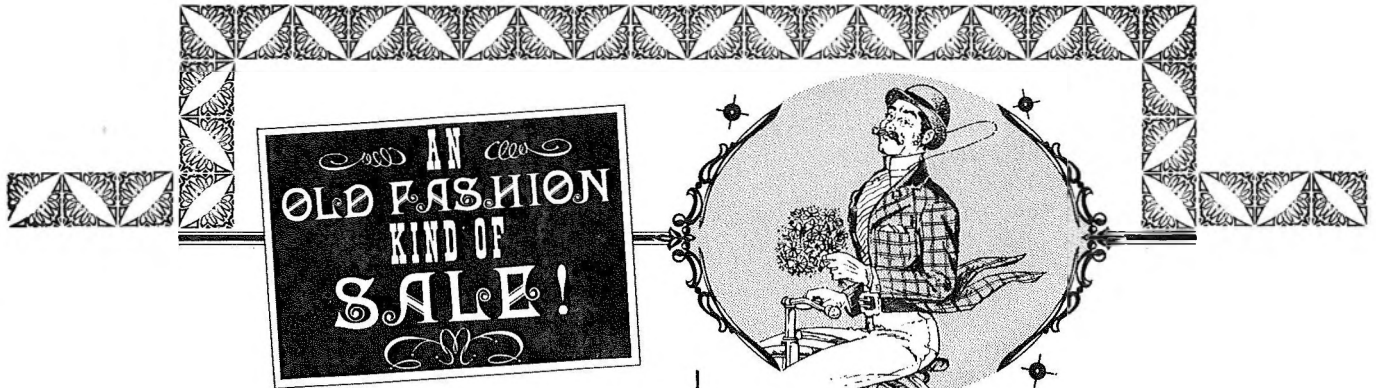
SPECIALIZING IN C. D. 'S 152-155. Selling part of collection. Good beginners list, sale or trade. S. A. S. E. or List for list. Paul A. Hirschler, R.R.#5, Box #80, Cassopolis, Michigan 49031 NIA #573.

TRY IT YOU'LL LIKE IT: Octagon House's monthly Mail Section. Where you buy Insulators and Go-Withs at the prices you want to pay. From common to rare. Something for everyone. Write today for free bid sheets. Octagon House, Rt. 21, Litchfield, Maine 04350.

EAR SALE: Am. Insr. Co. CD 134, NM \$18.00; Sterling CD 164, NM, \$20.00; O. V. G. Co., CD 162, base flakes, \$15.00. Following one only: Hem. No. 3 cable, \$15.00; No. 3 Cable, \$12.00; Pyrex 441, good carnival, \$30.00; W Brookfield, CD 145 dark SCA \$22.00; Agee CD 452 dark SCA \$15.00; Am. Insr. Co. CD 426 base chips, \$12.00; Hem. D-510 carnival, \$10.00; S. F. CD 112, \$25.00; R-5088(jube) \$25.00; baby signals, Lynchburg \$12.00, McLaughlin blackglass \$6.00; Gayner, chip on back, \$15.00; Star, \$5.00, Maydwell \$5.00, Sterling \$15.00. N. M. or better unless otherwise stated. Postage extra. Send SASE for complete list. Myron Carlson, 1422 Merryview, Hibbing, MN 55746.

Prices are going up; mine are going down. I have the beautiful carnival glass rainbow colored 10" Pyrex (Sombreros) retal removed, mint, dark color, reg. \$20ppd, now \$12ppd; 5 for \$50ppd. Med. color, reg. \$12ppd, now \$10ppd; 5 for \$40ppd. Light color \$8 each, 5 for \$30ppd. Send large S. A. S. E. for 3 page list for sale or trade. Ed Sellberg, 2918 Neals Lane, Vancouver, WA 98661. 6cb

SPECIAL CD 102 PONY SALE! Hurry while they last! All postpaid! Sterling, VNM or better \$7.50 ea. 3 for \$18.75; Good to NM \$4.50 ea., 3 for \$11.25; Hawley, VNM or better, \$6.00 ea. 3 for \$15.00; Good to NM, \$3.00 ea., 3 for \$7.50. Satisfaction guaranteed or your money back. Yes, I will trade. Ken Kurtz, Box 8, Clearfield, PA 16830 (814) 765-2348.



ALL INSULATORS CLEAN AND ALL POSTAGE PAID
CD

102	B on skirt, aqua	M	\$6.00
102	Diamond, olive amber	M	3.00
110	Baby Spiral Groove, aqua	M	75.00
113	Whitall Tatum No. 13, clear	M	6.00
120	Patent Dec. 19, 1871 on dome, green	NM	6.00
121	B. T. C. Canada, ice	M	3.50
121	McLaughlin, No. 16, olive amber	M	6.50
126.3	W. Brookfield, aqua	VNM	8.00
133	W. Brookfield New York on dome, aqua	NM	2.50
133	California, aqua	NM	8.50
133	No. 20, aqua	M	2.50
135	Chicago, shoulder embossed, blue	NM	45.00
143	Montreal Telegraph Co, sky blue	NM	18.00
143	Verticle & horizontal grooves, aqua	NM	18.00
143	Canadian Pacific Ry. Co., royal purple	M	12.00
143	GNW blocked out-Dwight Pattern, aqua	NM	12.00
145	B., S. C. A.	NM	4.50
145	G. N. W. Tel. Co., royal purple	M	12.00
151	W. Brookfield New York on skirt-green or aqua		3.00
153	Gayner 48-400 w/drips, aqua	VNM	6.00
154	Gayner 44, aqua	VNM	3.00
162	McLaughlin No. 19, 7 up green	M	10.00
162	McLaughlin No. 19, light green	M	3.00

162	Lynchburg No. 36, aqua	M	4.50
162	Gayner No. 36-190, aqua	M	4.50
162	H. G. Co. Patent Date, peacock	NM	25.00
162	Hemingray No. 19, cobalt, drip damage		25.00
164	Maydwell 20, milkglass	M	5.50
164	Lynchburg, No. 38, aqua	VNM	5.00
166	California, S. C. A.	M	10.00
170.1	No Name, light aqua	VNM	5.00
178	No Name, dark green	M	10.00
190/91	Hemingray 54 A & B, S. C. A.	VNM	37.50
202	Locke 14 with pat. date, aqua	NM	10.00
205	Brookfield No. 3 trans., aqua, inner sk. chip		8.00
210	Postal, smooth base, aqua	M	3.50
219	Hemingray 660 Lowex, amber	M	8.00
231	Kimble 820, clear	M	4.00
231.2	Kimble 820, clear	M	4.00
252	Hemingray 62 w/drips & w/pat. date	NM	4.50
259	Oakman, light aqua	VNM	25.00
---	small porcelain helmet, brown	M	6.00
272	Whitall Tatum, clear	M	6.00
272	Whitall Tatum, amber	M	5.00
296	No. 20 No Name, dark green	VNM	8.00
303/310	Hemingray with pag. date, aqua	M	55.00

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M & E. DUTCHER
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45 sales tables, antique bottles, insulators, related books, exhibits, refreshments, Pancake Breakfast. Presented by:
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106	Duquesne, cornflower blue (crude)	M\$12
112.4	Hemingray No. 8 base flakes	NM 12
116	Crown 1871 Pat. skirt 2 dates	
	Back Pat. Applied For, SDP, ice aqua	M 45
117	&, internal stress crack displays	M 12
133	E. R., aqua	M 12
134	Pat. App For, #3, Beautiful Brooke's blue	VNM 15
145	American, 2 or 3 dates, blue	M 7
145	American, 3 date, green	M 8
152.9	Agee, purple	M 10
162	WGM, purple	VNM 15
164	H. G. Co., jade milk	VNM 15
194/195	Hemi 54 A & B, purple	M 35
205	Gayner 530, SB, aqua	M 10
240.5	Pyrex 161, clear	VNM 20
241	Hemi-23, RDP, aqua	M 9
292	Knowles Prism, aqua	M 20
299	Brookfield on ear (internal stress crack)	75
308	No. 100, ear chip, open base bubble	NM 25
317	Chambers, aqua	VNM 95
321	"Baby" Bat Ears (smallest one made)	NM125
	Commemorative Blue Bell Paperweight	M 8.50
	Commemorative Pioneer Pilgrim Hats (set of 8)	M100

SPECIAL: \$1.00 or LESS. Send SASE for list of over 100 insulators at 50¢ and \$1.00. John Mcdougald, 4592 Andorra Dr., North Olmsted, Ohio 44070 (216) 779-8232.

154	Dominion 42, bright red amber, mint	\$ 15
272	Hemingray 720, clear, vnm	3
321	Baby Bay Ears, smallest known, aqua, M	85
233	Pyrex 661, Carnival, beautiful rich color, mint	32
731	No Name McKee Threadless, aqua, mint	90
123	E. C. M., aqua, vnm	42
781	Gingerbread Man, dark green, vvmn	12
165.1	Whitall Tatum 5, aqua and clear, ea	2
120	Hemingray 5, dome or skirt embossed 1871, vnm	3.50
121	W. G. M., toll, deep purple, vvmn	7
160.5	Am. Tel, pilgrims hat, vnm, aqua	65
164	Maydwell 20, white milk glass, mint	5.50
735	U. S. TEL., aqua, sm. chip on Chester side	190
105	American, pony, lines over dome model, aqua, nm	45
284	Floy, aqua, about nm, scarce piece	50
723	Wade, dot and dash, aqua, mint,	200
124.7	A. G. M., red amber, mint	5.50
160	Armstrong 14, baby signal, clear, mint	45
321	Knowles Bat Ears, aqua, mint	22
134	Petingell Andrews, green-aqua, vvmn	60

Jack Riesselman SASE for a complete
1130 N. 78th list. Please Add
Lincoln, Nebr. 68505 Postage on Small
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A comprehensive 144 page book plus a price indicator. 600 insulators beautifully photographed. 1200 insulators described and priced with historical information. A must for the beginner or advanced collector. \$6.00 ppd.

GARY CRANFILL
5536 Keoncrest #2, Sacramento, California 95841
(SEND FOR A SAMPLE PAGE)

HAVE ONE (1) MINT, RARE
STRAIGHT UP NO. 4 N. E. G. M.
CABLE (no CD No. assigned
to date) beautiful emerald
green (crude.) Will take best
cash or trade offer.

BRAD & NANCY COOK
507 RIDGE ROAD
LANSING, NY 14882

SHOW Calendar

APRIL 5-6 Tulsa, Oklahoma
Tulsa Antique Bottle & Relic Club, Inc., 4th Annual Show & Sale at the Tulsa Garden Center, 2435 So. Peoria. Info: Rosemary Tarr, P. O. Box 4278, Tulsa, OK 74104.

APRIL 6 Lee, Massachusetts
Berkshire A. B. Assoc, Show & Sale, Lee High School, Info: P. O. Box 297, Lee, Mass. 01238.

As of April 1st, there are only 101 days until the 6th NIA Convention in San Diego. Reservation deadline in June 1st.

APRIL 12-13 Harrisonburg, Virginia
The Historical Bottle Diggers of Virginia Show & Sale at the Harrisonburg Auto Auction.

APRIL 12-13 Kingman, Arizona
Arizona's seventh collector's extravaganza at the Mohave County Fairgrounds, Fairgrounds Ave. Info: W. B. "Rip" West, 413 Monroe St., Kingman, AZ 86401. Ph. 602-753-3650.

APRIL 12-13 Deland, Florida
The M-T. Bottle Collectors of Volusia County, FL, 5th annual bottle & insulator festival at the Volusia County Fairgrounds. Info: M. T. Bottle Collectors, P.O. Box 1581, Deland, FL 32720 (904) 734-8865.

APRIL 19-20 Syracuse, New York
Empire State Bottle Collectors Association Fifth Annual Bottle Show & Sale at the New York State Fairgrounds. Info: Bob Finger, 128 Buckingham Ave., Syracuse, NY 13210.

APRIL 19-20 Greencastle, Indiana
1st Annual-Central Indiana Insulator Show & Sale at the National Guard Armory. Info: Allan Stupp, 921 Temperance St., Ellettsville, Ind. 47429 (812) 876-4734 or Joe Litchford, 808 Hillcrest Dr., Greencastle, Ind. 46135. (317) 653-3281. Sponsored by the Ohio Valley Insulator Club.

APRIL 20 Milwaukee, Wisconsin
Milwaukee A. B. C. Show & Sale, Ramada Sands, 11811 W. Blue Mound Rd., 194 & Hwy. 100. Info: Bob Jaeger, 2343 Met-to-Wee Lane, Wauwatosa, WI 53226.

APRIL 26-27 Rochester, New York
Genesee Valley Bottle Collectors Association 6th Annual Bottle Show & Sale. Insulators, LRB's, Bottles, Jars, Go-withs. Monroe County Fairgrounds, Rt. 15A. Info: Dick Bowman, 1253 LaBaron Circle, Webster, NY 14580 (716) 872-4015.

MAY 3 Moorestown, New Jersey
1st Annual New Jersey Bottle Festival, Moorestown Community House, 16 E. Main St. Info: GeneBond, 15 E. Camden Ave., Moorestown, NJ 08057

MAY 3 Marcy, New York
Central New York Insulator Show. Whitesboro Sr. High School, (near Utica). Info: Bill Rosato, 11 Cedarbrook Crescent, Whitesboro, NY 13492 (315) 736-4674.

MAY 3-4 Birmingham, Alabama
A. B. C. S. 5th Annual Show & Sale, Birmingham Civic Center, 9th Ave. & 21st Street N. Info: Tom Watson, 1560 Pearson Ave. SW, Birmingham, AL 35211.

MAY 10-11 Lubbock, Texas
Hub of the Plains 4th Annual Insulator Show at the KO-KO Palace, 50th & Q. Info: Herman Jacobs, 2213-59th, Lubbock, TX 79412 (806) 799-4448.

MAY 17 Westerville, Ohio
5th Annual Mid-west Insulator Swap & Sale at the Grange Hall. Info: Don Bauman, 6706 Charles Rd., Westerville, OH 43081.

MAY 17 Moorestown, New Jersey
4th Annual Southern New Jersey Insulator Show, Moorestown Senior High School, Stanwick and Bridgeboro Rds. Info: Gene Bond, 15 East Camden Ave., Moorestown, NY 08057.

MAY 23-25 Mobile, Alabama
Seventh Annual Quality Bottle and Insulator Show & Sale at Quality Inn, Airport Blvd. and I-65. Info: Desmond B. Toler 309 First Federal Tower, Mobile, AL 36606 Ph. (office) 205-478-5267; (home) 205-4733864.

MAY 31 Fort Scott, Kansas
Fifth Annual Insulator & Barbed Wire Show. 4-H Building at the Fairgrounds, 22nd & Horton. Info: Schroadter, 912 S Margrave, Ft. Scott, KS 66701.

MAY 31-JUNE 1 Orlando, Florida
Mid-State Antique Bottle Show and Sale, Rollins Field House, Winter Park, Florida. Info: Carol V. Anderson, 233 Barrow St., Apopka, FL 32703.

JUNE 14-15 El Paso, Texas
4th Annual Insulator, Bottle, and collectibles Show and Sale, National Guard Armory, 9100 Gateway N & Hondo Pass. Info: Jerry Stevens, P.O. Box 6534, El Paso, TX 79912.

JUNE 22 Washington County, Pennsylvania
Washington County Bottle and Insulator Club Show & Sale, Holiday Inn. Interstate 70, exit 4. Info: Bill Cole, RD#1, Box 342, Carmichaels, PA 15320 (412) 966-7996.

JUNE 21-22 Anaheim, California
Orange County Collectors Show & Sale, Sheraton-Anaheim Motor Hotel. It will follow the National Association of Avon Clubs 4th Annual Convention. Info: Mike Reeder, Orange County Avon Club, P.O. Box 505, Garden Grove, CA 92642.

JULY 11, 12, 13 San Diego, California
6th N.I. A. National Convention at the El Cortez Convention Center, 7th and Ash. Info: Maury & Addie Tasem, 519 Verdin St., El Cajon, CA 92021.

AUGUST 9-10 Fairview Park, Ohio
2nd Great Lakes Insulator Show, American Legion Hall, 22001 Brook Park Rd. exit 9 on Ohio Turnpike. Info: John & Carol McDougald, 4592 Andorra Dr., North Olmsted, Ohio 44070. (216) 779-8232.

SEPTEMBER 27-28 Grand Junction, Colorado
Western Slope Bottle Club will put on its 3rd annual bottle & insulator Show & sale. Info: Bill Ellicot, 3289 E. 1/2Rd., Clifton, CO 81520.

OCTOBER 12 S. Burlington, Vermont
The First Vermont Insulator Show & Sale, Rice Mem. High School Gym, Proctor Ave. Info: Frank R. Anderson, NIA #474, Lake Road, Charlotte, Vermont 05445.

OCTOBER 18, 19, 20 St. Charles, Illinois
The 3rd Chicago Mid-West Jumbo Show, Kane County Fairgrounds, Randall Rd. Info: L. Veneziano, 324 Hawthorne Dr., Bensenville, IL 60106.

NOVEMBER 2 Clifton Park, New York
Capital District Insulator Club of NY, 4th Annual Show & Sale, Clifton Park High School. Info: Co. Cham. Grant Barnes, 24 Harlau Dr., Scotia, NY 12302, or Tom Loudon, 129 Sixth Ave., Troy, NY 12180.

Too late to Classify:

JUNE 28-29 West Monroe, Louisiana
Northeast Louisiana's Bottle & Insulator Club's 4th Annual Show & Sale, Moose Lodge, 1710 Glenwood Dr., Show Chairman Charles Smith, 1618 Evergreen St., West Monroe, LA 71291.