



DRIP POINTS

MAGAZINE FOR INSULATOR COLLECTORS

AUGUST 2020 · VOL. 48, No. 4





**THREADLESS INSULATORS WANTED FOR MY COLLECTION
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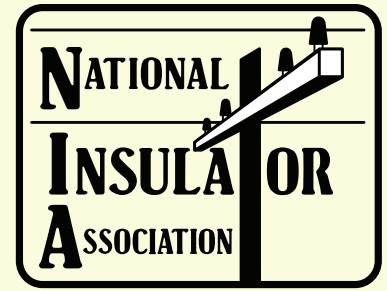
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🏠 About the Cover *🏠*

This issue's cover features photos from the Lyndeborough Glass Factory dig site, which yielded many fantastic specimens, including several CD 158.6 Lewis Patents (featured in this issue's Insulator Spotlight), CD 145.4, CD 102.4, and more. Read more about the CD 158.6 and the Lyndeborough Glass Factory Dig on pages 30-40.

Would you like to have your photo or artwork featured on the cover of Drip Points Magazine? Contact the Editors at drippoints@nia.org.



Established in 1973, the National Insulator Association is a 501(c)(3) charitable nonprofit organization. Visit us on the web at www.nia.org.

About Drip Points Magazine

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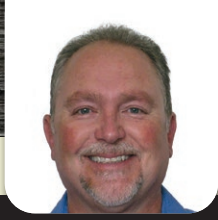
Publishing Schedule

Issue	#	Deadline	Mailing
February	1	Jan. 10	Feb. 1
April	2	Mar. 10	Apr. 1
June	3	May 10	Jun. 1
August	4	Jul. 10	Aug. 1
October	5	Sep. 10	Oct. 1
December	6	Nov. 10	Dec. 1

What's in a Name?

"Drip Points" is named after the feature seen on many insulators produced from the 1890s through the 1950s. Drip points are the bumpy protrusions around the base of an insulator. Their purpose was to help draw water off of the insulator.

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NIA PRESIDENT

DARRYL WAGNER * NIA #8671

Hello fellow NIA Members,

This has been a crazy year and my hopes are that you all have weathered our circumstances as best as possible and have remained physically healthy and hopefully mentally healthy as well. We would normally have had many shows by now, including the NIA National where we could all enjoy our hobby's camaraderie.

As the new NIA President, I would like to start by saying, that I firmly believe in an "open" door style policy and it is my responsibility to represent you. That can be difficult at times, because we have such a diverse group of members, however, if you ever have a concern, suggestion, idea or question about something within the hobby, please feel free to contact me. If not me, then your regional vice-president or one of the other many NIA leadership volunteers. The advisors, committee members and the NIA Board is here to support the Hobby and the organization. So, do not hesitate to bend my ear. We may not always agree or be able to act on everything suggested, but that does not mean that it is not important to voice your opinion.

Now to business. First, I would like to thank a few of our leadership team—Steve Roberts as president for 4 years, along with Don Briel, Mike Doyle, Walt Baumgardt for their past service on the Board. Also, Tim Wood and Jeanne Briel for advisory and chair positions. We have some changes and some additions to the Board and our Advisors and Committees. As you know Carolyn Berry is joining the Board as the new Secretary, Roger Ziesak as Western VP and Chris Hedges as the Central VP. The Awards & Recognition Committee has a new Chair, Ken Willick and will be joined by Jeff Maxwell and Kevin Jacobson as committee members. Gene Hawkins will now be the Events Committee Chair and Justin Stoudt has agreed to join the Research & Education Committee. Bill Rohde will be the new chair for the Development Committee and Bill Snell will also be joining that committee. Don Briel will be our new Rules & Procedures Advisor and Margaret Van Norstrand will be joining the Finance Committee.

On our Board call, which we had in lieu of our normal Board Meeting at the National, a new committee was formed, the Technology Committee, which will be chaired by our Webmaster, Bob Berry. Also, on this committee will be Bill Meier, Andrew Gibson, David Baron and Nathan Holmes. This committee will be key in our technology additions to the tools that we can offer the NIA membership. Apps for your phone, website enhancements and a Virtual Museum, where hobbyists can view insulators that they might otherwise never see, as well as other technical and historical information about our hobby. Our mission here is to expand our presence on-line to a larger group of collectors, but also to offer more options for current members, some of which will be exclusive to members.

Shortly after the Board call, another new committee was formed, the Directory Committee. This will be chaired by Nathan Holmes and will include Bill Meier and Andrew Gibson as the current NIA Membership Director. The directory has been a new project for Bill, Andrew, Bob Berry and myself, this year. As we worked through putting this together, it has proved to be a little larger of a project than we anticipated. With that being said, we have finalized the listings, updated Insulator Club information, added some advertisements and are close to sending to the printer. By the time you receive Drip Points, the printer should be mailing out the directories that have already been purchased. That number is well over 300 and we are printing a limited number of extras that will be available through NIA Products.

My thanks go to all the volunteers that assist the NIA, either as a Board member, advisor, committee member and those that donate to the NIA and that are members. All of us together is what makes this a great organization and what will keep our hobby active.

Be safe & stay healthy. Hope to see you at a show soon! ▲

Sincerely,

Darryl Wagner



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NIA INFORMATION DIRECTOR & DRIP POINTS MANAGING EDITOR

CHRISTIAN WILLIS * NIA #5185

Welcome to the August 2020 issue of Drip Points Magazine! We have another great issue in store for you, and we even managed to eke out a couple of show reports! We had a tremendous amount of content once again, some of which are already scheduled for the October issue. It's also clear to see that more and more members are taking advantage of our great advertising rates. Special thanks goes once again to Doug Rusher and Mike Green for their contributions to the magazine! If you'd like to place your ad in Drip Points, please see page 58 for rates and sizes available, with discounts for running in multiple issues.

I received the following letter to the Editor below, from our former First Past President Don Briel. I would like to sincerely thank Don for all his years of service to the NIA Board, and likewise welcome our new Board members, whom you can read more about in this issue on pages 12-14.

Letter to the Editor

This note to say Thank You to the many great people in this wonderful hobby. As of June 13th, the organization of the NIA changed with newly elected officers taking their place at the helm and terms of others, myself included, ending. Congratulations to our newly elected officers. May you find the joy that I have found in serving. After 14 years serving on the Board of Directors (Membership Director, President, and 1st Past President), I am no longer on the Board of Directors. That has left an empty spot in me. However, it is great that new blood is taking the place of old timers like myself. I would be amiss if I didn't take this opportunity to say Thank You to the hundreds of friends met through insulator collecting and these assignments. Thank you for your friendship and your support!

Additionally, as a co-host of the 2020 NIA National show that didn't happen, I was amazed at the response from collectors in financially helping the NIA cover show expenses even though the show had to be canceled due to COVID-19. Collectors that were already registered for the show and paid their reservation fees were given the opportunity to donate part or all of their payment to the NIA to help offset the costs incurred. The response was over whelming. Nearly everyone contributed something. All expenses were covered with just a little excess. The excess will be carried over to help make the 2023 National show in Logan, Utah even better. Thank you for your generosity!

The people in this organization and in this hobby are the greatest!

THANK YOU, THANK YOU, THANK YOU!!! ▲

Don Briel

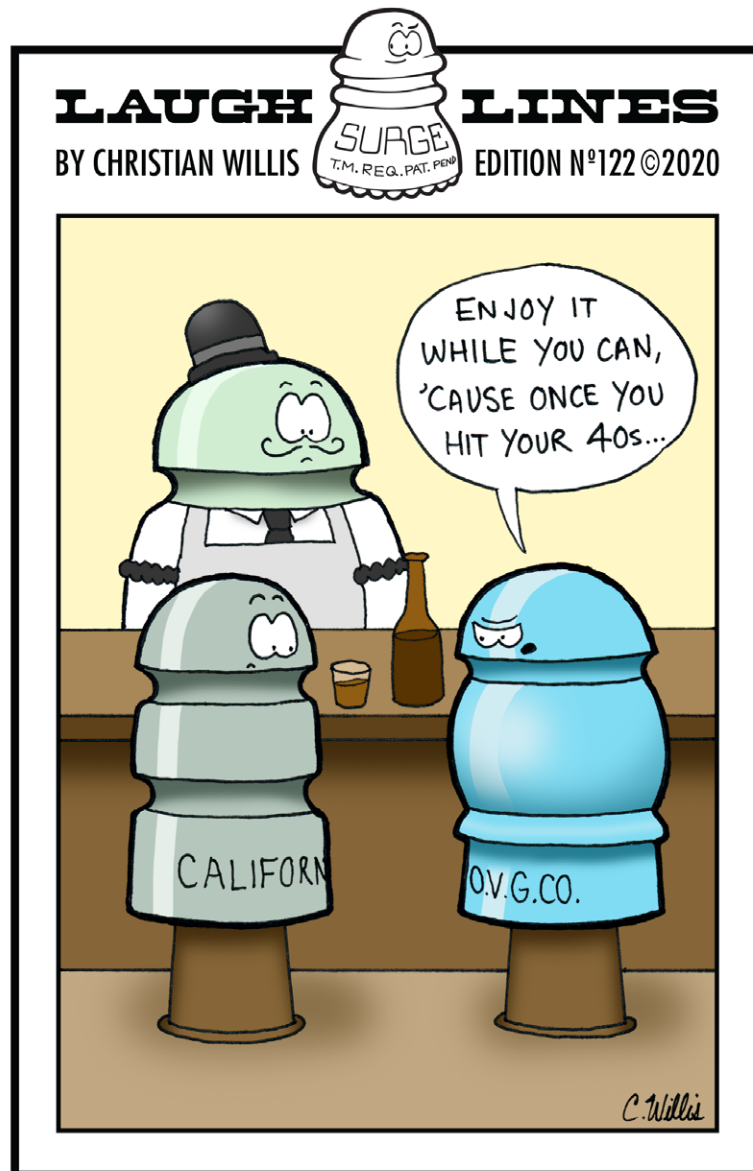
Erratum: Some sharp-eyed readers noted in our last issue that the title of the article "Kansas City Glass Works Dig" should, in fact, have read "King City Glass Works Dig." The King City Glass Works site was located in Fairmount, Indiana.

Lastly, as I approach the "Big Four-Oh" in a couple of months, it inspired me to draw the next Laugh Lines below.

I hope everyone is staying safe & well! ▲

Sincerely,

Christian Willis



VISIT LAUGH LINES ON THE WEB AT WWW.HEMINGRAY.INFO/LAUGHLINES



FIRST PAST PRESIDENT

STEVE ROBERTS * NIA #7935



Greetings Fellow Collectors,

As I am writing this short article it is the middle of July, our Nation is still experiencing some of the most unprecedented times in our lives. Consequently, we are having to alter how we are doing things. During the middle of June, the Board of Directors participated in a conference call to conduct our annual Board of Directors' Meeting. Clearly, conducting the annual Board Meeting via conference call has never been done before! Regardless, we had a good meeting and all the Board Members, both current at that time and those coming on the Board, were present. The Past President – Don Briel, the Western Region VP – Mike Doyle, and the Secretary – Walt Baumgardt, rotated off the Board at the conclusion of the meeting. Additionally, at the conclusion of the meeting we transitioned the leadership to those who were accepting new roles. Darryl Wagner became the President, I became the Past President, Chris Hedges became the Central Region VP finishing the last year of Darryl's term as the Central VP, Roger Ziesak became the Western Region VP, and Carolyn Berry became the Secretary.

My reason in sharing all of these positional changes is to thank everyone who has served on the Board during my term as President, and

to thank those who have agreed to assume the responsibilities of those positions which have changed hands. Also, I want to thank the NIA members for their support for the last four years while I was President. I would ask you to extend the same support to Darryl and the new Board of Directors as they work through the needs and opportunities of this organization.

Hopefully, our leadership transition has been transparent to the membership as we continue to move forward as an organization. The reins of leadership are in good hands. We have a new Board that is strong and capable.

When you look near the back of this edition of Drip Points you will see who the NIA Leadership members are (see page 66). If you have any questions or concerns related to the NIA, please feel free to contact your Regional VP or anyone on the leadership list. We are here to assist you!

Thanks again for your support during my term as President! May God Bless Each of You! ▲

Steve Roberts

WANTED PORCELAIN INSULATORS

ONE PIECE OR A COLLECTION. I AM ALWAYS
LOOKING FOR BETTER PIECES OR GREAT COLOR
FOR MY COLLECTION. CASH OR TRADE.

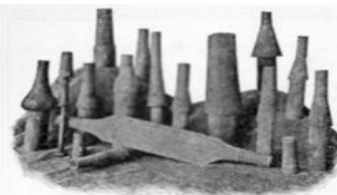
MATT GRAYSON • NIA #387
mg3430@gmail.com • 718-507-5665

If you call, and I don't answer, I am probably traveling.
Email is always faster



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Pins & Brackets

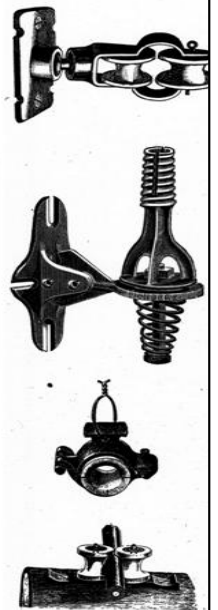


Eucalyptus
Insulator
Pins
Brackets
Pole Steps

- All types of cast iron, multiple pin brackets
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(559) 284-4211 e-mail: louhall@pacbell.net





WANTED



My Goal is to form a complete collection of CD styles by June of 2021
IF YOU ARE SELLING, PLEASE GIVE ME THE CHANCE TO TOP YOUR HIGHEST OFFER!

The insulators I need are listed by their CD number in the following columns. Numbers in regular typeface are North American CD's Numbers in **Red** are Foreign CD's

I am currently building displays in my museum and am looking for oddball:

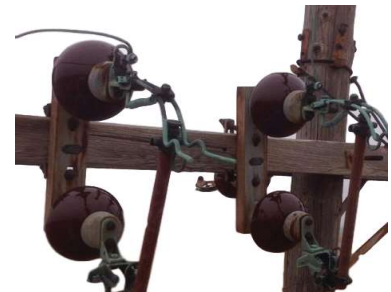
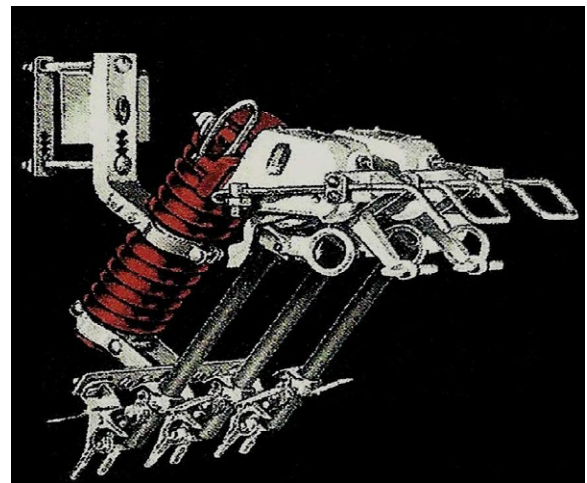


North American	Foreign	Threadless	Odds & Ends
10	334	553	700.4
12	343	563.2	701.5
25	343.5	567.5	723.5
28	350.3	570	724.5
28.5	365	571.7	728.5
29.5	370.3	583	732.4
30	374	586.5	736.3
30.5	377.4	591	738.5
33	377.7	592	740.4
45	378.1	595	784
61	378.4	607	
109.7	379.3	607.5	
136.5	380.1	610.2	
139.8	404	613	
148	404.2	625.5	
181.5	404.5	653.5	
192.1	405.5	656.8	
234.5	414	669.5	
244.5	445.4	669.8	
245-cup	451.5	687.1	
303.5	451.6	692	
313	480		
313.1	533		
	537.4		

Electric Primary Fuse Cutouts (3kv to 69kv)
 Fuse Links (high Voltage)

Mechanical Clamps (aluminum, brass) for wire & cable

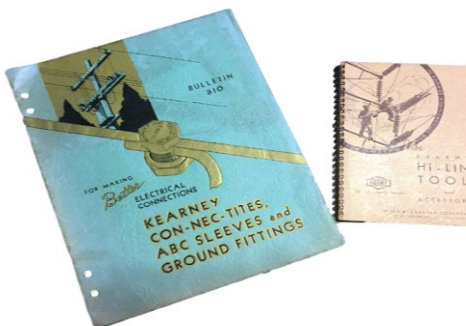
Electric Secondary Fuse Cutouts (L.M type P.S.D.)
 Mechanical Re-closing Cutouts (L.M. type R.L.O, etc)
 James R. Kearney Catalogs & Equipment



FOR CASH CONTACT:

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 Farmington, NM 87401
 (505) 325-7873

**Urgently Wanted:
 CD1053 D-519 Spools**



SPECIAL PROJECTS ADVISOR

MICHELLE ARMAND * NIA #9757

Greetings!

With insulator shows resuming, I am reminding everyone to please submit show reports to Mike Green for inclusion in the *Drip Points* magazine. I wish to thank all of those who continue to persevere in the hobby despite the current on-going events that daily plague us and our nation.

I was recently contacted regarding a book that has been made available to the NIA for digitization. The process is in the works and I will post more on this subject in the future. We are grateful for this opportunity to broaden our database.

In the last issue of *Drip Points*, I requested 'photos and descriptions of insulators with characteristics that are NOT listed as part of the descriptions in the *North American Glass Insulators Price Guide*' and have had no responses. Is this due to the majority of the members in the NIA being more seasoned collectors and have graduated to higher levels of interest? I was hoping this subject matter would initiate educational discussions through discovery and encourage interaction with collectors.

Times are changing with the majority of communications accomplished through social media sites. Collector groups are growing with people (whether beginning hobbyists or those desiring to turn a fast buck) searching for instant answers to questions. Resources are abundantly available for such inquiries as we all know. However, time required to research is not something so freely dedicated by most. While this fact is not isolated to our hobby, it is still reality and a sign of the times. You can lead a horse to water, but you cannot make it drink. Should an effort at more direct resource streamlining be considered to ensure the longevity of the hobby? This is a matter I have considered previously specific to beginners in the hobby.

Be sure to keep an eye out for on-line insulator shows/selling, auctions and insulator stores on Facebook. Let us strive to keep the glass in the hobby and circulating despite the present pandemics. I encourage trading as an option to buying as an alternate means to stay active, excited, and motivated.

GOD BLESS AMERICA! 🇺🇸

Michelle Armand

Due to CoronaVirus and show cancellations, I am advertising my want-list!

Most of these are 'dream pieces' and I certainly can not afford them all. Damage is ok, if not welcomed, in certain places to help lower cost - I am not a 'mint at any cost' collector.



287.1 Locke - Red-amber



125 Hemingray - Dark purple



162 H.G.Co or Hemi - Yellow



130.1 - Cobalt



162.4 - SDP, Purple swirled



134.4 - Blue aqua

I am a pure collector and any of these pieces will be treasured by me forever. If I can find even one of them it will help balance the loss of so much of our show season.

Please contact me at david-baron@msn.com

Thank You and hope to see you all soon!



NIA SCHOLARSHIP COMMITTEE

TAMMY BREWER * NIA #6696

Under the direction of Jeanne Briel, the scholarship committee reviewed ten applications last spring and awarded two \$1000 scholarships. I would like to see an increase in all three of those numbers in 2021. However, to make that happen, we need your help.

You can help by spreading the word. If you are planning to host a show (hopefully there won't be any more cancellations), please contact me, and I will send you some scholarship brochures to have available at your show. If you know any high school seniors or college students, please let them know about our webpage:

<https://www.nia.org/scholarship/index.htm>

You can also help by making a donation to the scholarship fund. If each of the 1500+ NIA members donated just \$5 to the scholarship fund, we would be able to increase how many scholarships we award and/or the dollar amount of scholarships awarded.

If you have any suggestions for other ways to spread the word about the NIA scholarships, I would love to hear from you. ▲

Tammy Brewer



RESEARCH & EDUCATION ADVISOR

LEE BREWER * NIA #6695

Did you know that the NIA website has science and social studies lesson plans about insulators? You can find them under the "Hobby" tab. Just click on Educational Materials for Teachers. Even if you are not a teacher, you can share this information with any teacher or homeschool parent you might know. This is a great way to get young people interested in our hobby.

In the next issue of Drip Points, I hope to have some updated information about an ongoing research project. Stay tuned! ▲

Lee Brewer



COMMEMORATIVE COORDINATOR

MARGARET WAGNER * NIA #8711

NIA Members,

Sorry for the delay on Commemoratives this year, but due to the COVID-19 shutdown, it has been a challenge. The glass house that does our commemoratives opened back up in mid-June with a limited staff. Due to the long shut down, there was a lot of maintenance and preparation to start back up production. We had hoped that the commemoratives would have been poured the week before the 4th of July, but that was not possible. They were closed for the week after the 4th and have been catching up since. As of this writing, the pour should happen mid-July and by the time you receive your Drip Points, they should be available for shipping.

The color for this year was requested by the Logan, UT show hosts and is a very attractive commemorative. Everyone always likes slag,

so do not wait, get yours ordered. This year's insulator is unique in that there was no National. It is also unique in that there is additional wording etched onto it. The etching will then be color-filled black, to make it more readable. The etching will be:

**THE SHOW THAT WASN'T
A COVID-19 CASUALTY**

Thank you for your support of the commemorative insulator and the support of the NIA! ▲

Margaret Wagner

ANNOUNCING THE 2020 COMMEMORATIVE

"THE SHOW THAT WASN'T – A COVID-19 CASUALTY"

The National Insulator Association 2020 Commemorative Insulator
51st National Convention • 2020 Logan, UT

At least that is the National that we had hoped for. Given the circumstances this year, the National was canceled, but we felt it was important to continue the Commemorative series and I think you will like this year's insulator. This will be a special addition to your collection as it will be the first ever for a show that wasn't (remember that phrase) and it will have some additional etching on it to commemorate this.

"Milk & Honey" Representing the "Bee Hive" state

Regular - \$40.00 each / ppd
(\$35 for each additional when shipped with the first)

Solid Pour - \$50.00 each / ppd

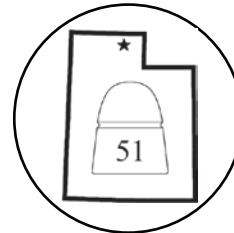
Note: Solid pours are not plunged. They vary in size and can be crude. They may lean or have flaws. They have no base markings.



Embossed on the base
of the commemorative:



Embossed on the dome
of the commemorative:



In Addition

This edition will have some additional markings, commemorating the 2020 experience. There will be etching with the following wording:

THE SHOW THAT WASN'T
A COVID-19 CASUALTY

History of the National Show Commemoratives: "Collecting Our History"

Being an enthusiastic insulator collector, Frank Miller of Tulsa, Oklahoma went home from the First National Insulator Meet (that's what the "National" show was referred to as in 1970) held in New Castle, Indiana with an idea that collectors should have something by which they could remember the National meets. After months of struggling, he managed to have an insulator mold made. Frank said it was often referred to as "Frank's Last Folly" since he retired from teaching shortly thereafter. He also said it was worth the struggle. The commemorative insulator he designed replicated the early threadless "Pilgrim Hat" (CD 736) and is almost 4 inches high and is 3¼ inches across at the base. Since 1970, the glass commemorative has marked the National show event with new embossing for the location and a new color of glass. In 1979, the project continued on by John & Carol McDougald of Sedona, AZ. John and Carol produced the yearly commemoratives through 2009, at which time they donated the production to the National Insulator Association starting with the 2010 commemorative. Any profits made from the NIA Commemoratives go directly to benefit the National Insulator Association, a 501(c)(3).

To place your order online, please visit:

<https://www.nia.org/products/commemorative/>

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commemorative@nia.org

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If you have additional questions or live outside the continental United States, please contact me by phone or email prior to your order. Thanks!



As the new President of the NIA, some of you might want to know a little more about me. So here goes.

My story began in Harrisonville, MO, south of Kansas City. Went to school and graduated from there as well. Most of my life has been entrepreneurial, sales and building businesses. Since selling my last business, I have been an independent Insurance salesman, helping clients with life insurance, Medicare Insurance options and other financial decisions.

My interest in insulators began around the age of 6 or 7, when my grandfather hoisted me onto his shoulders to take an insulator off a pole along the Frisco Railroad in East Lynne, MO. Then around the age of 10, a neighbor gave me 3 banana boxes of insulators and the rest is history. When I first started collecting insulators, it was mainly glass, but over the years, my collection has grown to include glass & porcelain, American & Foreign and all styles (threadless, threaded, spools, strains, suspensions, etc.). In addition, many types of go-withs have found their way into my collection. Pyrex and Whitall Tatum insulators and items are of special interest to me.

As Lynda Katonak told my wife at the Coralville National in 2009, I have the “defective collector gene”. My collections range from stamps, coins & arrowheads, to Aladdin lamps, bayonets, glass floats and many more. Almost a hoarder and definitely a pack rat, it’s hard to tell what you might see if you visit my home.

Unfortunately, I did not discover the actual “Insulator Hobby” until around 2007 while purchasing insulators from eBay, where I met Dennis & Jeanne Weber along with Charles Brandon. Shortly after that I joined the Missouri Valley Insulator Club and became President in 2011 for 5 years. The first NIA National that I attended was in Coralville, IA in 2009. After that show, I set a goal of hosting a National, then Charles, my wife & I did just that for 2012 in Kansas City, MO. In 2012, Dennis & Jeanne asked me to take over their St. Joseph, MO Insulator & Bottle show, so I have been hosting that show, now the NW Missouri Insulator & Bottle Show, since 2013. My wife & I also hosted the 2018 NIA National in Kansas City, MO.

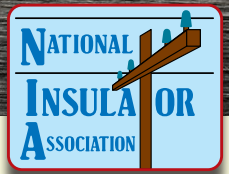
In 2012, Steve Blair asked me to serve on the NIA Events Committee and I followed him as the Events Chairman. Recently, I have served as the NIA Central Vice President and the Development Committee Chairman.

Since joining the NIA, I have made many new friends and have attempted to give back to the organization and members by giving of my time.

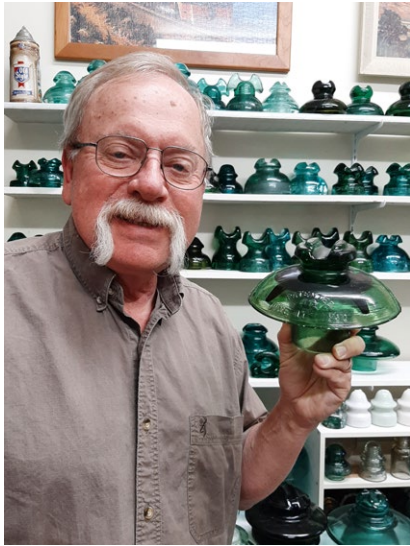
Hope to meet many more of my fellow collectors in the coming years. ▲



MEET OUR NEW BOARD MEMBERS



ROGER ZIESAK, WESTERN REGION VP * NIA #8919



I started seriously collecting in 2007; prior to that I had always looked for insulators when out in the woods or watching trains. Trains were always cool when I was a kid and I always had an interest in the poles and insulators along the tracks, not so much from a collecting interest but from understanding why all those wires were there. As I got older, life got in the way of collecting much of anything for many years but then I got back into it. Insulators attracted me because there were so many varieties and so many

places to look for them. This type was used here, that type there, why glass and not porcelain or vice-versa. That really started to fascinate me; I started absorbing all I could in 2007 and I'm still at it today and plan to still be finding out new things till I go boots up.

I'm a forester by trade so being in the woods a lot I'd always investigate if something unusual caught my eye. My dad got me hooked on that as we were always going into abandoned houses and whatnot when I was a kid, my dad to see what we could drag home and me to help and be fascinated by what I could find. An old building, a wire (always had to see if I could figure out what it was for), old mining activity, you name it, it was all interesting. I did realize that one of the things all these investigations typically had in common was they had wires running to them. Electricity scares the hell out of me and my hat's off to the lineman who mess with that stuff, but I did become interested in what allowed that electricity to get to or from what I was crawling around. And now later in life, insulators have my full attention.

I started small with just stuff I could find near home. This was when I knew Hemi-42's were cool. To get them clean I'd run'em through the dishwasher, none ever broke but I'm glad I didn't do that with any scarce or early pieces. Eventually I started meeting other collectors and learning just how big this hobby can be. As I said, what has always been a big part of collecting for me has been the history; where an insulator was used, why did they use it - any particular reason, or that's what was on hand? Why was an insulator designed that way? For a commodity item, with a low low-profit margin, there sure are a lot of styles. Montana has a rich insulator history and I'm lucky that there are several collectors in the state and the region who have shared what they know.

My wife, Beth, has been bitten by the insulator bug as well. She likes Dominion 42's and oddball glazes on the mud. I go for the mud transpositions and 2-part multits. We both like mud with fingerprints in the glaze. While I have shrunk the list of what I chase substantially (I'm not a CD collector), the list is still half an arm long of what I like and if the glass or mud is some killer green color, it doesn't matter what it is,

it goes in the collection. I don't have too many threadless types as they were not used extensively here in the Northwest and are tough to find. I'm always on the hunt but out in-the-field rather than buying online. I've bought and bid online and still will, but I prefer meeting people, listening to their stories and buying some or all of their collection. I don't mind traveling to get a collection or attend a show. I also have a number of friends and connections who will sell me pieces they find or give me a lead to chase down.

The first National Beth and I attended was in 2011 in San Jose. It was pretty amazing! We met a lot of established collectors and really started to feel like we were part of a bigger group rather than just a couple of oddball collectors. Truly enjoyed the experience.

In the last 7-8 years we have made an effort to get to as many shows as we can that are within a long days' drive, (800 miles or so). We also stretch that for Nationals and the Rohde Ranch Show which I've made twice and am looking forward to, now in 2021. I'm not retired yet, have a few more years, so the schedule is not as flexible as I'd like, but I'm looking forward to getting to as many shows as possible over the next three years and well beyond that.

What do I focus on these days? Specifically, I like power glass of all sizes and as mentioned, 2-part or small 3-part multits and I like greens of all types, so I have many of those. I also like to get insulators that were used in Montana specifically and the Northwest in general (including western Canada). I'm not a CD or a U/M collector, I'm more of an opportunistic collector. That's one reason going to a show is a lot of fun - what will I find? If I can get a new piece that I like, then I'll go for it within financial reason. I've got a window in my shop above my desk that is full of glass and sometimes I'll just sit there and stare at it like a little kid.

Being able to talk insulators and insulator history has been a real joy for me. I have made solid friendships, and have mentors, within the hobby and really enjoy getting together with fellow collectors. I'm definitely a dedicated nut-job collector and I'm looking forward to many more years of collecting and the people I meet doing it. ▲





NIA LIFETIME AWARD PRESENTED BY STEVE ROBERTS TO CAROLYN IN 2017

As your incoming Executive Secretary, I am always open to suggestions and strive to make any organization I am involved with better than it was before. The more our general membership is involved the more we can do as an organization. I am excited to begin my tenure as your 2020 Executive Secretary. Here is a little information about me and my life.....

Facts of My Life:

I grew up in the Capital District area of NY and went to SUNY Oneonta. Spent many summer days at Great Sacandaga Lake. I graduated with a BS in Home Economics: Nutrition & Business Economics in 1984. I married Bob Berry in October of 1988. I have been a member of the NIA since that time, when IBM, the company and the acronym was not only my employer, but also appropriate for "Insulators By Marriage. We moved to Austin, TX in May 1993 for a job at IBM, and now mark our "how time flies" 27th year anniversary here. I became a stay at home Mom, but served actively in various community, school and church volunteer positions. I played hand bells at our church for over 10 years. I have worked at H&R Block for 18 tax seasons as an IRS certified tax preparer. We proudly have 2 adult children that are now married. Our daughter, Meghan (Andrew/CE) is a FNP and our son, Todd (Stefanie/RN) is a Chemical Engineer – both in the Houston area. We enjoy seeing them as much as we can here, in MI at our cabin or in H-town. I am now considered "RBM" - retired by marriage, so we are free and easy to do "what we want, when we want and where we want! We traveled extensively throughout the US to the Nationals with our kids for nearly 20 years. The membership to this great organization and the hobby in general enabled us to make terrific friends and have wonderful family time vacations.

NIA History:

- Member since 1988
- I attended the NIA National in Denver, 1993 and have only missed one national (AZ) since then. I have attended 27 NIA national conventions overall (including the show that COVID-19 took from us).
- 1999 – 2011: Product Marketing Chairperson
- 2006: NIA National in Austin, TX (co-hostess)
- 2009 – 2019: Commemoratives Coordinator
- NIA Lifetime Membership Award: 2017
- NIA Presidents Awards: 2011, 2015, 2019
- Lone Star Insulator Club (LSIC) Member since 1993
- LSIC Annual Xmas Swap: 2006 - present
- LSIC VP: 2010 - present
- LSIC Newsletter Editor: 2010 – 2019

Collecting History:

I started collecting piano insulators Spring of 2008. Our daughter Meghan pointed out to me a beautiful 7-up jellie PI for a dollar at an antique shop we were visiting while on a trip with her high school drill team. She learned about PI's, when we had our Austin National! My kids learned a lot from their travels and being at the shows! I have over 100 unique Piano Insulator pieces now. I proudly displayed my PI's @ the 49th National in KC, KS in 2018 and won the NIA 1st place Go-Withs, and CFIC "Best First Time Displayer" awards. I have collected various things otherwise over the years. I like the "variety approach" of collecting. 📌



CAROLYN RECEIVES HER 2011 PRESIDENT'S AWARD FROM LOU HALL



CAROLYN'S FANTASTIC PIANO INSULATOR DISPLAY

SOME "TELL AND TELL" ABOUT NEW ENGLAND TEL. & TEL.

BY BOSTON BOB MACHANN * NIA #8235 * FOR JANICE

"We're the one for you, New England."

April 6, 2019 was a Saturday. That day, Steve Clark and I went to the Lone Star Insulator Club potluck at John Hall's new house in New Braunfels, Texas. Rain fell intermittently, but we enjoyed the meet in John's garage. The Rudy's Country Store Barbecue for lunch was



awesome, and I enjoyed the pallets and boxes of insulators behind John's backyard shed. The pallets especially brought back memories of looking at insulators in the air in the spring and summer of 1984.



The shame of it all was that a light aqua CD 104 New Eng. Tel. & Tel. Co. baby beehive was knocked off a table and broken on the garage floor during the meet. Later that evening, I was in the Studio, drinking beer and playing Rowdy Yates' Country Gold show on the radio. As I enjoyed the day's uploaded photos on my laptop, that baby beehive haunted me.

A few days later, I looked through various insulator archives online to see if there were any articles on New England Telephone and Telegraph. I was appalled to find that – judging from the information I had – there were none, so this article is here to change that. Cue up Jonathan Richman on the Curtis Mathes, crack open a Moxie, and read on.

How It Came To Be



The New England Telephone & Telegraph Company served northeastern New England. The company's service area encompassed the states of Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

NET&T was incorporated in the State of New York on October 19, 1883 via consolidation of eight telephone companies:

- Bay State Telephone Company
- Boston & Northern Telephone Company
- Cheshire Telephone Company
- Granite State Telephone Company
- National Bell Telephone Company of Maine
- Pioneer Telephone Company
- Suburban Telephone Company, and
- The Telephone Dispatch Company of Boston¹

NET&T absorbed Southern Massachusetts Telephone Company in 1899 through a stock swap. In 1921, it completed its acquisition of the Providence Telephone Company via purchases of the latter company's capital stock.²

The NET&T that appears on insulators should not be confused with an earlier New England Telephone Company, a short-lived Massachusetts company that was organized in 1878.³ NET&T was also not associated with Southern New England Telephone (SNET), which serviced the state of Connecticut.

NYNEX and Bell Atlantic

Prior to the Bell System divestiture, NET&T had been one of more than twenty Bell subsidiaries.⁴ On January 1, 1984, it was slated to merge with New York Telephone to form the "Baby Bell" company NYNEX. The first four letters of the name symbolized the merged companies, while the X stood for, "...the unknown and exciting future of the burgeoning information market whose outer reaches will be determined by tomorrow's science and technology."⁵

NYNEX

During its existence, NYNEX was plagued with inferior customer service and unreliability. Corrupt business practices, difficulty in contacting customer support, persistent lack of response to customer complaints, and missed repair appointments were commonplace. In 1996, the New York Public Service Commission levied a \$4.1 million fine against NYNEX for its slipshod service.⁶ Early Internet jokes satirized the NYNEX acronym to mean, "Now - You can - experieNce - legalizEd - Xtortion" and "New - York's - Never ending - wastE of time - Xpress."⁷

On August 14, 1997, NYNEX merged with Bell Atlantic. At the time,

SOME "TELL AND TELL" ABOUT NEW ENGLAND TEL. & TEL.

(CONTINUED)

this merger created the nation's largest local telephone company.⁸ Although the Bell Atlantic name was retained, Bell Atlantic vacated its Philadelphia offices, and the merged company was housed in the former NYNEX headquarters in New York City.⁹ On June 30, 2000, Bell Atlantic merged with GTE to create Verizon Communications, which serves New England today.¹⁰



NET&T POLE TAGS



NET&T JULY 1902 OFFICIAL DIRECTORY



CD 102 SO. MASS. TEL. CO.



CD 102.4 N.E. TEL & TEL CO



CD 110.5



CD 110.5 SEGMENTED THREAD



CD 112 IN GREEN



CD 112 IN AQUA

SOME "TELL AND TELL" ABOUT NEW ENGLAND TEL. & TEL.

(CONTINUED)



CD 104 CORRECT EMB.



CD 104 BLOT OUT



CD 104 OBLONG BLOT



CD 104 MLOD



CD 104 BACKWARDS N'S



CD 104 BACKWARDS E'S



DOT BETWEEN C AND O



YELLOW GREEN



OLIVE GREEN



PURPLE



HEMINGRAY-MADE [075]



CD 121 CORRECT EMB.



CD 121 NEW EEG



NEW EEG MISSING BAR

According to John and Carol McDougald's insulator reference book, Brookfield made the NET&T CD 121 tolls¹¹, while the Lyndeborough Glass Factory made the CD 102.4 (see pages 35-38). Any additional information on the manufacture of NET&T insulators is appreciated.

Note: I do not own any of these insulators. These photos are used with permission and appear courtesy of Robert W. Baumann, Bob Berry, Chris Cotnoir, James Doty, Dudley Ellis, Gene Hawkins, Charles Irons, Joe Maurath, Zac Mirecki and Christian Willis. Also, thanks to John Barber, Andrew Gibson, Greg Hafer, Eric Halkyard, Colin Jung, and Bob Stahr for responding to my ICON requests for information.

Although I couldn't save that little beehive, let the record show that I saved the story behind her. 🐝

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10. "The History of Verizon Communications" Verizon, 5 October 2016, https://www.verizon.com/about/sites/default/files/Verizon_History_0916.pdf, accessed 26 July 2019. Published by Verizon.
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PERKIOMENVILLE 2020 SHOW

BY STEVE BOBB * NIA #827

The rescheduled show took place on June 27th from its original date of June 6th. A couple notable things took place before this date, the first being the passing of our host Claude Wambold on March 21. Thanks to the wishes of his wife Arlene the show was still going to take place. Then we had the pandemic which literally shut down any gatherings of people more than 6. After reviewing a timeframe that we thought would work Arlene and I settled on June 27th. The state of Pennsylvania lifted restrictions for gatherings the day before the show so we had a green light for the first show in the United States since the beginning of March. Remember too this is an outdoor event.

Claude had been a collector since back in the early 70's so he had a considerable pile of stored insulators of every CD and name whether it was glass or porcelain. We had setup 2 large tables in the downstairs barn floor. One for dollar and one for five dollar insulators. There were some real bargains to be had early when the show opened.

After a brief early shower the rain stopped and dealers started setting up. We had a nice crowd—a lot of regulars along with a good grouping of new collectors eager to pick up bargains along with knowledge about insulators. We were happy to see everyone!

Lunch time happened and 3 designated people filled lunch orders for everyone present who wanted to eat. Everyone cooperated with this scheme and it seemed to work out quite well.

Towards around 3 o'clock the walk-ins started to dwindle and the show started winding down. Packing up had started and dealers started heading home along with a lot of collectors who took the time to come. Hopefully the show will continue with Arlene's blessing in the coming year. Thanks again to those who attended. ▲



TOD AND MARY ANN PIKE WAITING ON CUSTOMERS



CLAUDE WAMBOLD HANDING ME A SUPER RARE ONE OF A KIND LR30 J. L. GATCHEL LIGHTNING ROD INSULATOR IN 2014



PERKIOMENVILLE 2020 SHOW

(CONTINUED)



STEVE SHARP CHECKING OUT AN ITEM



BOB AND MAY GOCCIA TALKING TO JEFF KATCHKO



KEN WILLICK SALES TABLE



KEN WILLICK & JEFF KATCHKO TAKING CARE OF CUSTOMERS

PERKIOMENVILLE 2020 SHOW

(CONTINUED)



BRIAN RIECKER SALES TABLE WITH KARL FURR



THE PIKES SET UP WITH THEIR SALES STOCK



CLAUDE AND ARLENE WAMBOLD PICTURE DISPLAYED PROUDLY ON MY SALES TABLE. WE MISS YOU AND REMEMBER YOU FONDLY CLAUDE!



GETTING READY FOR LUNCH



MY SALES TABLE WITH DJ BEHIND IT

FREE APPRAISALS

Insulators
Lighting Rod Ball and Vanes
What Have You??



WE PAY **TOP CASH** FOR ONE
** Or Whole Collections **

**CASH UP FRONT - NO CONSIGNMENTS -
JUST HARD CASH FAST!**



We have been collector / dealers for over 40 years in the hobby.
We will do about anything to obtain a good piece or collection.
Pay high prices / Beg / Listen to old stories / Pay finders fees / Travel anywhere
Even dig dumps - Yes, we have a back hoe!!!!

↓ **- CASH IN NOW -** ↓



Larry Veneziano

27 W 115 Vale
West Chicago, IL 60185

larryhh@comcast.net
708-878-2446



1st Annual Border States Antique Mart Show & Sale



Saturday September 26, 2020

9:00 AM to 3:00 PM

Free Admission



Douglas County Fairgrounds

2120 Harper St. Bldg 21, Lawrence, KS 66046

Southeast corner of Lawrence, 23rd St & Harper

This is a combination of the Hutchinson Kansas Territory Bottle & Post Card Show and the Platte City NW Missouri Insulator & Bottle Show. We invite other table-top antique dealers to join us for this 1st Annual Fall Show & Sale. 100+ tables of antique insulators, bottles, jars, postcards, telephones, advertising, lightning rod balls & arrows and other miscellaneous collectibles. FREE insulator & bottle appraisal available.

BUY – SELL – TRADE

For information and/or a show packet, contact:

Darryl Wagner
14615 Skyview Ave.
Smithville, MO 64089
816-719-0801

OR

Mark Law
5129 NW Arroyo Dr.
Topeka, KS 66618
785-224-4836

darryl@dwagnerkc.com

kansasbottles@gmail.com



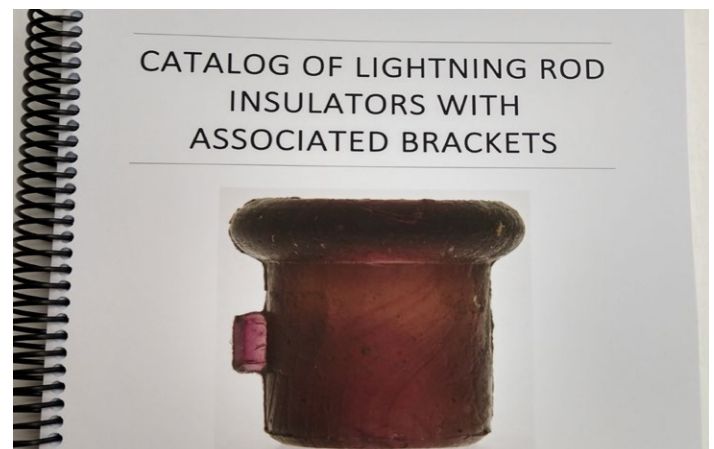
Show managers not responsible for accidents or losses.



CATALOG OF LIGHTNING ROD INSULATORS WITH ASSOCIATED BRACKETS

by Steve Bobb

Introducing to the insulator hobby for the first time, a catalog dedicated to the collecting of lightning rod insulators and associated brackets. This spiral bound catalog is 264 pages in length. It covers every known style LRI Glass and Porcelain. Easy to use actual size design drawings, A catalog LR system, index, with color identification, plus estimated pricing, Glass houses, patents associated with LRI's, advertisement associated with manufacturers, installers, patent owners. Color pictures and much more! Cost is \$ 35.00 per book, plus shipping. Email me at sbobb1@verizon.net, message me, or Face Book. For ordering and shipping costs. Shipping costs vary depending where you are located in the US mainland. Extra for shipping to Canada or Overseas





WRIC 20th ANNUAL SHOW

BY RICK BALDWIN * NIA #336

WRIC 20th Annual Allegheny Valley Insulator Show

The rescheduled Western Reserve Insulator Club's 20th Annual Allegheny Valley Insulator Show, typically held in early April, materialized at the Fireman's Recreation Hall in West Leechburg, PA on July 11, 2020, as a result of the club and show host's respect and adherence to current CDC and State of Pennsylvania guidelines and mandates pertaining to the COVID-19 pandemic. Although the show's typical amenities, such as early morning coffee and a phenomenal lunch, had to be curtailed this year due to the pandemic, both the dealers and shoppers provided positive feedback about the venue with respect to the availability of insulators and the opportunity for camaraderie...and shoppers came with high expectations to add to their collections! Participants, who were eager to get out and about, were respectful of the necessary mandates for social distancing and face coverings.

The Show Host, Tim Grantz, with help from his son, Matthew, and several of the show dealers did a stellar job with respect to instituting and supporting the show venue's details. Dealers that set up included Steve & Donna Bobb, Matt Grayson, Greg Druck, Karl Furr, Tod & Mary Ann Pike, Dale Glendenning, Ken Willick, Jim Frustieri, Al & Carol Fix, Robert Federle, Conner Stoehr, Justin Stoudt and Tim Grantz.

The Fireman's Hall facility afforded updated LED lighting and sufficient floor space for social distancing. The WRIC is hoping to be able to return to our usual way of hosting shows after this year, and we hope that the 21st Annual Show to be held in 2021 will be a little less "spacious" and more convenient for all. Special thanks again to Tim and Matt Grantz for their dedication and work toward setting up and hosting this fun show...and to all of the dealers and collectors who supported the venue! ▲



NICE SELECTION OF SHINY PORCELAIN. OFFERS WERE BEING TAKEN FOR THE WATER BOTTLE!



JIM FRUSTIERI AND JUSTIN STOUDT OFFERING SOME GOODIES AS SECURITY GUARD DONNA BOBB LOOKS ON!



RICK HESS, VICKIE PANGRATZ AND GREG DRUCK CONTROLLING THEIR HEAVY BREATHING AT A SALES TABLE!

WRIC 20th ANNUAL SHOW



(CONTINUED)



OHIO DEALER DALE GLENDENNING'S SALES TABLE



PORCELAIN POWER SPECIALIST CONNOR STOEHR FROM LANCASTER, PA



GREAT SELECTION OF COLORFUL GLASS HERE!



CAROL AND AL FIX FROM DARIEN CENTER, NY



PORCELAIN SPECIALIST MATT GRAYSON

COLLECTOR THREADS

FEATURING CHRIS HEDGES, NIA #15 * BY MIKE GREEN

EDITOR'S NOTE: Chris Hedges has been appointed the Central Region VP for the remainder of NIA President Darryl Wagner's term. Thank you Chris!

Being one of the youngest in line to get the first offering of National Insulators Association membership numbers had its advantages. Chris Hedges tells the story of being way back in the line at the fourth National Insulator Show in Hutchinson, Kansas in 1973. Then a funny thing began happening. One by one other collectors started to tell Chris to get in front of them in line. This happened over and over until he found himself in spot number 13! He jokes that he would have been number 13 but Jack Tod said 13 was his lucky number and bumped him back so Chris settled for NIA number 15. Not bad for a young guy from Kansas City!

Chris entered the world in October of 1954. From Here to Eternity won best picture that year, Elvis cut his first record, and the New York Giants won the World Series. In game one of that series a young Willie Mays made one of the greatest catches in baseball history running down a ball in deep center field. Lots of good things came from that year and one of the best is Chris Hedges. Anyone who knows Chris will tell you he is friendly, likeable, and a real down to earth guy. Chris has fond memories of growing up in Kansas City and especially loved going to the family farm in the Ozarks of central Missouri. He loved helping around the farm and going fishing. It was there that he first became fascinated with electricity and insulators. At 5 or 6 years old the Rural Electric Company was building a transmission line on part of the family farm. Chris got to know some of the workers and got to ride around with the crew in an old WWII Willys Jeep. What a ball that must have been

Several years later crews were wrecking out an old line and leaving the crossarms on the ground. He harvested as many insulators as he could and the insulator bug began to grow. Later around 1967 he met a bottle collector who turned Chris on to the Antique Trader magazine. He also talked Chris into trading two purple Hemingray 12's for some big beautiful Hemingray 42's! Chris still gets a good laugh about that one. With newfound information from Antique Trader, Old Bottle Magazine, and later Crown Jewels he found out about antique shows and eventually some very early insulator shows. One of the first insulator shows was in Ft. Scott, Kansas. The memories of lots of great color are vivid to this day. He slowly started to realize he was in a fantastic part of the country for colorful glass.



FIRST POLE WRECK OUT EARLY 1960'S OUT ON THE FARM



LEARNING THE TRADE WITH MY UNCLE



KANSAS CITY IN THE 1950'S. JUST IMAGINE ALL THAT COLOR!

COLLECTOR THREADS

(CONTINUED)



CHRIS READING "ELECTRIC LIGHT & POWER" IN HIS BEDROOM



BUILDING MINIATURE POWER POLES WITH FRIEND MANNY

At one of the early shows he remembers seeing dripped peacock 1871 CD 134's. Great pieces were everywhere. He recalls seeing lots of cobalts and ambers still up in the air in and around Kansas City. Around high school age Chris and his friend Charlie Forester noticed utility trucks that had the dash filled with colored glass. This led to meeting Bob Green who everyone called "Greenie". He was a Power Distribution Dispatcher for the utility company. Greenie had quite a little side business going. He would spot good glass around the city and "conveniently" schedule a job there and have the crews pull all the glass. Later at the shop on 1330 Baltimore Ave. he would buy it all from the guys for later resale. Chris got to know Greenie who became a regular supplier of good colored glass. Cobalts, Ambers, and Peacocks would sell for \$10 to \$20 apiece and there was plenty to go around. Chris would sometimes buy colored glass by the bushel basket. Wow would that be fun! Forgotten and sometimes not picked until later were electric blues which only got about \$5 at the time! Another one of Greenie's good customers was Charlie Allmon who met some of Greenie's crew doing tree trimming when branches got too close to power lines. Another favorite or not so favorite memory was lying on the floor trying to cool down at a Hutchinson show with temperature around 100 degrees and no AC!



NEW TRANSFORMERS FOR A SUBSTATION CLOSE TO THE FARM

COLLECTOR THREADS

(CONTINUED)

By the time Chris graduated high school he was already an established and knowledgeable collector in the hobby. After high school he went to work for Kansas City Power and Light. Do you think getting to ride around with that power crew back on the farm might have had a little influence.... He remained there for 3½ years before forming his own electrical contracting business in 1979. He has done all types of work but one that stands out was working at Leavenworth Penitentiary. The prison had two substations to service their sizable facilities. Chris worked on the switching gear that would transfer power from one substation or the other in an emergency so the prison would not lose power. Entering through the massive front gates and watching them close behind was intimidating from minute one. After that every tool had to be carefully inventoried and numbered. A special table was then created with a marked spot for each tool. Every time you needed a tool it had to be checked out even if it was only for a minute. In addition, you were marked with a special fluorescent paint that was checked regularly throughout the day. They were also told that in the event of a lockdown they could be there for a long time and family would be notified! It must have been a very interesting experience.



CHRIS AND MARILYN WEDDING AT THE FARM 1993

When asked about the best moment of his life Chris answered without any hesitation. That would be a sunny summer Saturday in 1993 when he married his true love Marilyn at the family farm. Another of his best days was welcoming their Son Andy into the world. Andy has traveled to many shows and knows lots of Collectors. He was also the recipient of the NIA Scholarship award at the Colorado Springs National. Andy has a true passion for sports and is a wonderful Son.

On the very difficult question of his toughest moment Chris said it was losing his Brother Tom to cancer. Tom had gone through a difficult battle with cancer 20 years earlier and undergone heavy radiation treatment. Unfortunately, it returned and took his life way too young. Tom Jr. had the nickname of Tooner, a wonderful blending of Tom and Junior when he was little. Chris's favorite memory with Tooner was riding in older Brother's MGB convertible and going out to lunch at the first McDonalds in Kansas City. That seat was usually reserved for Tooner's high school buddies so that was a very special day.



CHRIS WITH LIQUID INSULATOR FROM LOU FARIN

COLLECTOR THREADS

(CONTINUED)



THE GREAT "SUMMERFIELD RAID" WITH STEVE CORFIDI IN 1987. ALL THIS WAS SAVED FROM A SMALL SHACK ABOUT TO BE BULLDOZED



MVIC MEETING AT THE WEBERS'



"POWER" CREDENZA 1985



MISSOURI VALLEY INSULATOR CLUB AT THE WEBERS'



POLE TOP WITH TWO PURPLE CROWN EMBOSSED BROOKFIELDS FROM ALMA, KANSAS

COLLECTOR THREADS

(CONTINUED)

Chris shared a story about Paul Ickes that was quite amusing. Paul and Bob Alexander (Okay you already know trouble is coming) were swapping out quality pieces on homes and businesses in Council Bluffs for common pieces. They came complete with hardhat, vest, ladder, tools, and business card. They had found an area with smooth base H.G.Co. ambers which had the scheme in high gear. They spot an amber at this lady's home and tell her that the old insulator on her house needs to be replaced by a new better insulator. Skeptical she asks why? Paul tells her that it's because it is radioactive! Well she is quite upset by this and calls her husband at work on Offutt Air Force Base. The husband just happens to an expert in such matters and tells her to immediately call the police. Sensing something was wrong the guys sped off leaving the neighborhood as the police were arriving!

Another story involves Cy Pellow who was Manager of the President Hotel in Downtown KC which Hosted the National. Cy decided to try and get a blue Hemingray mouse off a 4KV line on Brookside Blvd. It was on a dead-end arm and under considerable tension. To make matters worse Cy only had only one rubber glove! So he manages to unravel some of the primary and gets his arm trapped under the wire! So there he is stuck up on a pole. One of Greenie's crew members Tex McMannis finally rescued him but not before Cy agreed that Tex would get the insulator. Cy had a fabulous transposition collection including some possible one of a kind pieces. After finding out that Cy was having an affair with a maid from the hotel Cy's wife threw the entire collection in the trash and it was never recovered!



ENTRANCE TO CHRIS'S OFFICE. THAT'S AN ORIGINAL WIRE AND TIE, BASE, AND NICHOLSON ARCING RING OFF THE NIAGARA LINE.



PART OF THE "BONE YARD" AT THE FARM



SOME OF CHRIS'S AMAZING PORCELAIN COLLECTION

COLLECTOR THREADS

(CONTINUED)



MISSOURI VALLEY INSULATOR CLUB MEETING AT DAN WAGNER'S HOUSE



COLORFUL WINDOW IN CHRIS'S HOME

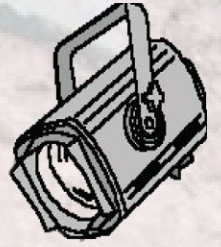
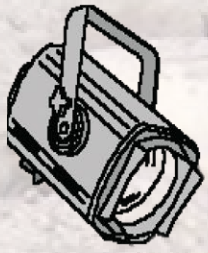
Chris's favorite piece is a blue porcelain mouse from Phoebe Adams. She called him up to the stage at a National show and presented to him! What a nice surprise. He said you would always look forward to Bob and Phoebe pulling up in their big Mercury "Woody" station wagon. Chris loves to stress how much he enjoys the people in the hobby and that it is by far his favorite part. Among those who have had the greatest influence are Charlie Allmon, Paul Ickes, Dennis and Jeanne Weber, Clarice and Wes Gordon, Mike Miller, and Bernie Warren. He said if he mentioned everyone in the hobby who has touched his life it would take multiple paragraphs.

It was a total joy interviewing Chris for this article. He is a genuine, down to earth guy and truly one of the founders of our hobby. He would be very modest about that assertion, but he was a big part of the early days of insulator collecting. Please join me in thanking Chris for his many years of dedication to the hobby. Chris and Marilyn, we celebrate your life and thank you for being the first of our new Collector Threads series.

Happy Collecting and Power Off ▲

INSULATOR SPOTLIGHT

CD 158.6 LEWIS PATENT



INSULATOR SPOTLIGHT

CD 158.6 LEWIS PATENT



BY DARIO DIMARE * NIA#5302

(F-SKIRT) J. SLATER LEWIS / BIRKENHEAD.ENG. / PATENT
(BASE) --- GRAY & HAM PATENT / NO. 8532. 1884

INSULATOR SPOTLIGHT

CD 158.6 LEWIS PATENT (CONTINUED)

OK folks, I was not sure if I should start with how and where I got this specific piece or the actual history of the CD158.6.

So I guess I will start with the specific piece then work into the history. There is no talking about any CD158.6 without first talking about the best thing about it. The best thing about this particular insulator is Mark Newton, our friendship, and how it makes me smile when I look at it. This is the only non-specimen CD158.6 that I know of.

Mark Newton had dug and researched the Lyndeborough Glass Factory site for more years than you can imagine. I dug the site for a few years, and Mark has generously shared this dig with many other collectors. He found the first CD 158.6's to enter the hobby about ten years ago and pulled out about 10 specimens. Some went to other collectors and dealers, some Mark kept, and the rest went to me. Mark and I had a lot of fun with these. We not only dug together, but also did a lot of flea markets and antique shops together. We do nothing but yap and talk insulators when we are together and the time seems to go so fast. Mark is one of the few people I know that has a much passion for this stuff as I do. He is a class act. And most importantly, he is a good person.



DARIO DIG, DIG, DIGGIN DA DUMP. LYNDEBOROUGH GLASS FACTORY.

Mark's favorite flea market is in Hollis, NH. He is there before the sun rises with a flashlight, speed-walking the show as people set up. He knows everyone there and they know him. This is his family. He buys our friend Norm a cup of coffee every Sunday. Norm gets there at about 3:30AM. Mark and I walk the field, visit with Norm, have our coffee and an egg sandwich, yap, laugh, say bye to Norm, and I get home before my wife and daughter are out of bed. THAT IS WHAT I CALL FUN! The only thing more fun the picking insulators at a flea market is actually digging them up. Dig, dig, Dig.



CD158.6 SKIRT EMBOSsing: J. SLATER LEWIS / BIRKENHEAD, ENG. / PATENT

One day a photo of a CD158.6 shows up on the web. Mark and a few other collectors tell the owner to talk with me and I got the insulator. I asked about its history and it was unbelievable. He said he picked the CD158.6 and two base embossed CD145s off of a table at a flea market. All three insulators were Lyndeborough glass. When we yapped a bit more, he said he got them at a flea market in Hollis, NH. THE flea market in Hollis, NH. THE SAME flea market that Mark Newton had scoured his whole life; the same one we hunted together about 100 times. It seemed impossible that Mark could have missed it, but he did, and so did I. The guy that found it paid \$20 for the 3 insulators. I paid him a bit more for them.



CD158.6 BASE EMBOSSED: GRAY & HAM PATENT / NO. 8532 1884

INSULATOR SPOTLIGHT

CD 158.6 LEWIS PATENT (CONTINUED)

So back to Lyndeborough, NH which is only 12 miles away from Hollis. We found tons of glass there including a lot of SAMUEL OAKMAN insulators and bottles. This was a big missing link in our hobby that finally got resolved by Mark. Now we know where the base embossed AMERICAN INSULATOR CO. insulators were made. I went nuts digging up the CD102.4s, CD134s, and CD145s. I was not there when Mark dug the CD145.4s and CD158.6s. I only dug tiny pieces of these, nothing close to what mark dug.



CD158.6S FROM LYNDEBOROUGH NEXT TO A CD110.6 & CD110.5

Then we saw all of the similarities between the CD158.6 and CD110.6. There is no doubt these puppies are cousins. Samuel Oakman and J. Slater Lewis had no doubt worked together on these, or had they? There is a lot of documentation on the J. S. Lewis, May 1, 1883 Patent. But we never dug a piece of a CD110.6 in Lyndeborough. What's up with that?

There is a sketch of an insulator that looks like a hybrid between the CD110.6 and CD158.6. It appears in an October 25, 1884 issue of ELECTRICAL REVIEW. The Lewis insulator does not have any wire ridges below the spiral grooved top and the CD110.6 National has two wire ridges below the spiral grooved top. However the sketch in the ELECTRICAL REVIEW has "The Lewis Self-Binding Insulator" shown with one wire ridge below the spiral grooved top:

THE LEWIS SELF-BINDING, HIGH-RESISTANCE INSULATOR.

Patented in U. S. and Canada. Supplied in GLASS, Porcelain or Stoneware.

NO TOOLS! NO TROUBLE! NO BREAK-DOWNS! NO WASTE!

These Insulators entirely dispense with the old and troublesome binding, and the Line-Wire is applied instantly without any tools whatsoever, whether it be on curves, against walls, under bridges, roofs, or in any of the difficult positions often met with. They are remarkably simple, durable, strong, and the liability to get out of order is absolutely NIL. The Clip and Line only touch at two points, and, practically, the resistance of the Insulator is raised far beyond ANY OTHER KIND.

The above cut shows the mode of application, at ordinary points of use.

CAN BE SUPPLIED IN ANY SHAPE

The above cut shows a supplementary arrangement for crossings and long spans, making "van hanging back" an impossibility.

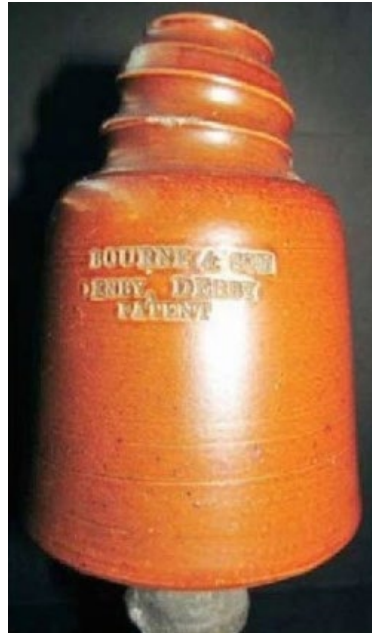
Large quantities of these Insulators are now being sent to all parts of the world, and wherever adopted are much appreciated both for their great efficiency and general handiness.

NOTICE.—The Patentees, Mr. J. SLATER LEWIS, is now over in America for the purpose of completing arrangements for supplying the Insulators, and would be pleased to call upon any Telegraph Engineer upon their requesting him to do so; a request he begs them to be good enough to make, addressed care THE ELECTRICAL WORLD, New York. References, without permission, to leading engineers who are using these Insulators, can be given.

Send for a Full Descriptive Pamphlet, Containing Photographs in Three Positions.

THE PATENT SELF-BINDING TELEGRAPH INSULATOR COMPANY Ltd., Birkenhead, England.

NOTE THE SINGLE WIRE RIDGE BELOW THE SPIRAL GROOVE. THE CD158.6 HAS NO WIRE RIDGES AND THE CD110.6 HAD TWO????



BOURNE & SON, DENBY, DERBY, PATENT WITH PERMISSION FROM J. SLATER LEWIS



A PORCELAIN U#2021

There is also a porcelain insulator made in England that is very similar to the CD158.6 Lewis insulator. It is embossed "BOURNE & SON, DENBY, DERBY PATENT", which was used in England. An article dated January 6, 1883 in The Telegraphic Journal and Electrical Review states "Lewis's Patent Self-binding Insulator - We understand that Messrs. Doulton & Co. Buller & co., Bourne & Son and Stiff & Son, are providing themselves with the necessary special machinery for producing this insulator in large quantities, and that, so far as regards to the United Kingdom, the manufacturing of it will be limited to them. Mr. Lewis will be represented in London by several of the leading telegraph engineering firms. Some scores of trial orders have been received already, both for home and abroad, and there is every prospect of the insulator coming into universal adoption." So does this mean they were made in porcelain as well? Yes it does.

The Electrician & Electrical Engineer
New York, NY, United States, March 1885
vol. 4, no. 3, p. 88, col. 1-2

THE CONSTRUCTION OF LINES FOR ELECTRIC
CIRCUITS.
BY THOMAS D. LOCKWOOD.

It is a pleasure to look away from these oddities, to an invention in insulators which possesses real merit, and which, when better known, will be extensively employed. I refer to the form of insulator shown in figure 7.

INSULATOR SPOTLIGHT

CD 158.6 LEWIS PATENT (CONTINUED)

A glance will show the nature of the improvement. In addition to the regular internal screw thread with which the insulator is as usual attached to the pin, there is an external screw on the apex of the insulator, but oppositely wound. That is, if the internal screw is right-handed, the external one is left-handed and vice versa.

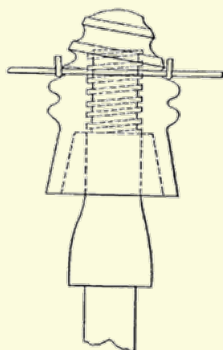


FIGURE 7

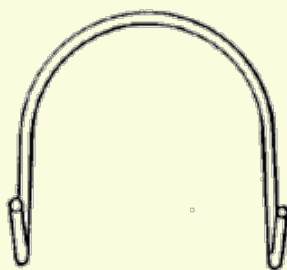


FIGURE 8

The line-wire instead of being bound to the insulator with a tie-wire, is fastened with a special clip which is shown detached, in figure 8.

The object in providing the right and left-handed screws, is so that the wire can be fastened to the insulator, and the insulator screwed down on the pin by one and the same operation.

In attaching the wire, the insulator is placed on the pin and given a couple of turns down. The clip is hooked on the line-wire with the ends of the hooks turned upwards. The loop thus formed is then slipped over the top of the insulator, and (care being taken to see that the clip goes down the thread of the screw first with the line-wire following) the insulator grasped by the hand, is screwed down on the pin as far as it will go, the outside screw at the same time insinuating itself into the loop of the line-wire and clip. These instructions for attachment, are by no means intended to serve as ironclad rules to be observed, but an intelligent lineman observing the intention of the improvement, will readily adapt himself to it, and act according to the different conditions of each case. Even if insulators of this character are employed, circumstances may of course arise in which it will be found desirable to use the old mode of attachment. The insulator as now made, is provided with the ordinary circular groove, upon which the line-wire rests, for attachment with the old time tie-wire.

It is, perhaps, unnecessary to recapitulate the advantages which are secured by the use of this form. It is well-known that a concomitant trouble of the old form of attachment was that scales of the zinc coating were sure to be rubbed off, thus leaving spots of unprotected iron wire at which oxidation would promptly commence

The leakage at each insulator may also be reasonably expected to suffer diminution, as the points of contact are lessened; while the line-wire suffers much less mechanical strain. It is also claimed that much time is saved in construction by its use, and it is evident that a single clip may be used many times, and that if it becomes necessary to detach the line-wire at any time, a few backward turns of the screw is the only operation necessary. Practical linemen whose opinion I have asked on this subject, concur in praising it highly and advocate its use, and it would therefore seem that one of the greatest obstructions which threaten innovations, e., the opposition of workmen, will not retard the introduction of this insulator.

The application of the external or wire attaching screw, is the invention of an Englishman, J. Slater Lewis, and has been patented, in the United States. The happy conception of forming the outside screw of opposite direction to the internal or pin screw, so as to provide for the simultaneous attachment of both line-wire and insulator is, however, to be credited to Frank L. Pope, and is fully described in a patent issued to that gentleman, December 25th, 1883. Both patents have, for the entire country, passed into the hands of the National Insulator Company, of which Messrs. Loren N. Downs and H. B. Lytle, of Boston, are respectively President and General Manager, and J.W. Duxbury, of Providence, R. I., Treasurer. These gentlemen recognizing the practical merit of the combination, and having, moreover, control of other improvements in insulators, have established themselves in the Equitable Building in Boston, and will doubtless take pleasure in furnishing any additional information that may be required upon the subject.

THE ABOVE ARTICLE ACCURATELY DESCRIBES HOW THESE INSULATORS ARE INTENDED TO BE USED. (RESEARCH COURTESY OF ELTON GISH AND BILL MEIER)

J. SLATER LEWIS & SAMUEL OAKMAN

Mr. Lewis had given the rights to make the "Lewis Self-Binding Insulator" out of glass (AKA CD158.6) to Samuel Oakman and the Lyndeborough Glass Factory. This insulator was designed to be used in England and other parts of the world as can be seen by both the small pin hole and threads as well as the actual British patent number #8532 embossed on the insulator. We are not sure if the insulator was manufactured and or sold in Birkenhead, England.

JOSEPH BOURNE & SON,

MANUFACTURERS OF THE WELL-KNOWN

STONEWARE TELEGRAPHIC INSULATORS & BATTERY JARS.

For Thirty years these manufactures have been celebrated for a high degree of vitrefaction combined with great toughness and strength.

Brown Stoneware. White Stoneware. Brown Porcelain. Porous Cells.
Economy, Strength, and Durability combined. Prize Medal, Paris Electrical Exhibition.
Makers of Mr. Slater Lewis' Patent Self-Binding Insulator.

Works: DENBY POTTERY, NEAR DENBY.

London Office: 6, ST. PANCRAS STATION, EUSTON ROAD, N.W.

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AN 1883 ADVERTISEMENT FOR THE LEWIS PATENT INSULATOR BEING MADE OUT OF PORCELAIN IN DERBY, ENGLAND

INSULATOR SPOTLIGHT

CD 158.6 LEWIS PATENT (CONTINUED)

J. SLATER LEWIS & JOSEPH BOURNE & SONS

Mr. Lewis also gave rights to Joseph Bourne & Sons at Denby Pottery in Derby, England. This can be seen in an advertisement in J. A. Berly's British, American, and Continental Electrical Directory and Advertiser dated 1883. It states in the ad "Makers of Mr. Slater Lewis' Patent Self-Binding Insulator". The big difference between the Oakman and the Bourne insulator is that the Oakman is made out of glass for use in England and the Bourne is made out of porcelain for use in England and across the world. That's right a mud screw top! U2021.

This porcelain Lewis Patent Self-Binding Insulator being made in England is very similar to the CD158.6 Lewis insulator. It is embossed "BOURNE & SON, DENBY, DERBY PATENT". An article dated January 6, 1883 in The Telegraphic Journal and Electrical Review states "Lewis's Patent Self-binding Insulator - We understand that Messrs. Doulton & Co. Buller & co., Bourne 7 Son and Stiff & Son, are providing themselves with the necessary special machinery for producing this insulator in large quantities, and that, so far as regards to the United Kingdom, the manufacturing of it will be limited to them. Mr. Lewis will be represented in London by several of the leading telegraph engineering firms. Some scores of trial orders have been received already, both for home and abroad, and there is every prospect of the insulator coming into universal adoption."

So now we have Mr. Lewis working with Oakman to make glass insulators for England and other countries. We have Mr. Lewis working with Bourne to make porcelain insulators for England and other countries. What about us? US? USA?

THE
NATIONAL SELF BINDING
INSULATOR

---FOR---

TELEGRAPH, TELEPHONE, AND ELECTRICAL LIGHT WIRES
AND ALL ELECTRIC CONDUCTOR

WITH DIRECTIONS FOR USE

Information can be obtained and Orders glass through the

NATIONAL INSULATOR COMPANY,
66 EQUITABLE BUILDING, BOSTON, MASS.
AND 15 CORTLANDT ST, NY

---OR---

WILLIAM BROOKFIELD, SOLE MANUFACTURER
45 CLIFF STREET, NEW YORK

PART OF A BROOKFIELD ADVERTISEMENT DEPICTS LEWIS'S INVOLVEMENT WITH BROOKFIELD AND THE NATIONAL INSULATOR COMPANY

J. SLATER LEWIS & WILLIAM BROOKFIELD

Man the Lewis guy gets around! There is a nine page WILLIAM BROOKFIELD pamphlet which you can find in McDougald's book on insulators on page 52. Part of the as is shown above.

If you read the entire brochure which expounds upon how great the insulator is you will find an interesting sentence near the bottom of page three. It says "This insulator is the invention of J. Slater Lewis, Esq., Birkenhead, England."

If Mr. Lewis liven in Birkenhead, England and it says Birkenhead, Eng. on the CD158.6 along with the English Patent number, it is much easier to conclude that the Birkenhead location was more likely associated with the patent holder's address than where it was actually made. This would be similar to the three different addresses used by William Brookfield in his nine page advertisement.

It seems that Mark Newton unknowingly found 3 missing links. All of them tied together by Mr. Lewis.

1. Lewis had the CD110.5 and CD110.6 made by William Brookfield to use in the U.S. and Canadian markets due to our unique use of the wooden screw pins. The ad claims that William Brookfield was the sole manufacturer. At that time, Brookfield would have made them in Bushwick, NY. However, I am still not convinced that it was actually made in Bushwick due to the characteristics of the glass. Brookfield had shopped out the manufacturing of the A.T.&T. insulators, so why not these? Although it states in the advertisement that Brookfield made them, it is still possible they had them made elsewhere. The January 17, 1885 issue of Electrical Review mentions Mr. Lytle stating "work on the new insulators at Haverhill is progressing favorably; the tools for making the new English (Lewis) "screw top" insulators are about ready". And they mentioned "that he has tried some of the new insulator of the "pony" size, and likes them very much indeed." That would be the CD110.5. The American Iron Glass Pipe & Plate Company is located in Haverhill, MA.

2. Lewis had the stoneware and/or porcelain U2012 made in Derby, England for the British and worldwide markets.

3. Lewis had the CD158.6 made in Lyndeborough, NH for the British and worldwide markets.

I will do a little bit on the despicable Mr. Pope. (See page 39) I could write about 10 more pages about Lewis and this stuff, but I don't want to bore people so I won't. You can always call to yap or stop by.

Elton Gish is a wonderful person who helped me with some research. Bob Berry, another great guy, pitched in as well. Bill Meier as usual helped out. All of these guys are consistently generous with their time and knowledge. And Mark Newton, well what can I say? He is a keeper. Thank you all. ■

LYNDEBOROUGH GLASS FACTORY DIG

BY MARK NEWTON * NIA #9674

I have been a bottle guy since the early 1970s which was right at the peak of the bottle craze in America. The next 30 years were spent following old stonewalls and checking out anywhere I thought people threw trash back in the 1800s. In my travels I became aware that New Hampshire had a very rich history in the bottle industry.

Once I exhausted the old field dumps in a 20 mile radius of my home I thought it would be interesting to dig a glass factory as I knew there would be bottles there! I chose the Lyndeborough glass factory because it was only 8 miles away and I loved the Robins Egg Blue color they were known for. I got permission to dig the huge slag dump from the old factory site and spent 12 years and hundreds of hours digging it out with just a small digging tool.

The first day I was there I started finding shards of insulators which I knew very little about. By the end of that day I had shards lined up all around the huge hole I had dug. I was deep in the hole when I heard someone coming through the woods right at me. He turned out to be an insulator collector and as looking for interesting shards. I showed him my finds and he knew what every one of them was. We became fast friends and from then on he was my insulator go-to guy.

One dig brought a strange insulator skirt/base shard of what turned out to be a LEWIS insulator but were not able to identify it. I finally got permission to dig on the factory site, so first thing we did was search for the "legendary" foundation filled in with factory waste after the company collapsed in 1888. The first spot we chose was right in the middle of the foundation and the legend was true—it was filled with factory waste!

Most of it was pulverized glass waste and there was a mix of mostly fruit jars and insulators from CD 102.4s, CD 105s, CD 134s and American Insulator Company NY CD 145s.

As we got deeper into the hole, I could see shards of a screwtop insulator showing up. I still knew very little about insulators but knew enough to realize this was a very odd piece. None of my insulator collecting friends knew what it was and all told me to send pictures to an insulator dealer, which I did the next day.

He was very excited. We also dug an odd looking CD 145 insulator with what turned out to be a wax paraffin ring around the middle. The dealer offered to do some research and found that both of the new finds were not recorded and given a new CD number by N.R. Woodward. The Lewis was a CD 158.6 and the wax paraffin was CD 145.4.



THIS IS A RARE POST CARD AND AN ACTUAL INSIDE SHOT OF THE FACTORY FURNACE AND SOME WORKERS



ANOTHER RARE POST CARD. OUTSIDE SHOT OF THE GLASS FACTORY AND SOME WORKERS



THIS WAS THE MOMENT IN THE DIG THAT WHOLE INSULATORS STARTED SHOWING UP. THIS WAS A LINEUP OF FACTORY REJECT UNEMBOSSED CD 134S.

LYNDEBOROUGH GLASS FACTORY DIG

(CONTINUED)



WE STARTED A PILE OF "CHUNKS" FROM THE PIT.



WE STARTED SEPARATING DIFFERENT CD NUMBERS WHEN WE GOT HOME



THIS IS A PILE OF "INGOTS." LEGEND WAS THESE WERE CHUNKS OF GLASS SAVED FOR LATER USE OR SALESMAN SAMPLES OF GLASS COLORS. TURNS OUT I ONLY FOUND THESE WHERE INSULATORS WERE FOUND AND THEY ARE THE FEET ON SOME KIND OF HEAVY CONTAINER, MAYBE A BATTERY JAR. I DUG HALF OF A "BATTERY JAR."



THAT IS EVERY CHUNK OF 158.6 DUG THAT DAY



THE BEST LEWIS 158.6 EXAMPLE FOUND.



THE LEWIS NEXT TO A CD 145 AMERICAN INSULATOR DUG AT THE SITE.

LYNDEBOROUGH GLASS FACTORY DIG

(CONTINUED)



LEFT: THAT IS A 145.4 MY FRIEND PUT TOGETHER FOR ME TO DISPLAY. IT IS TWO PIECES.

The paraffin ring was supposed to stop “frost pop” from happening in the cold regions. They would fill the ring with wax paraffin so water could not get up under the dome. You probably already know, but frost pop is when water or moisture gets up under the dome and the top pops off when it freezes. Oakman was such a great inventor and this seems like it should have worked but it obviously never took off. I found lots of shards and chunks of this insulator but no one has ever found a whole one. The one I have is two pieces put together to display.



ALL DUG AT THE SITE: CD 145, CD 134, CD 102.4, CD 158.6, CD 145.4



ABOVE: TWO BEST EXAMPLES OF THE NEW CDS, THE 158.6 AND 145.4

LEFT: A SIZE COMPARISON OF THE CD 145 TO THE 145.4

BELOW: CLOSE UP OF CD 134, CD 102.4 AND THE CD 158.6



CD 102.4 AND A CELLULOID, MAYBE AN ADVERTISEMENT FOR THE CD 102.4 I FOUND IN THE HOLE.



LYNDEBOROUGH GLASS FACTORY DIG

(CONTINUED)



THE TWO SMALL PIECES IN FRONT ARE ALWAYS FOUND WITH THE INSULATORS, SO I'M GUESSING THEY ARE SOME KIND OF INSULATOR.



MARK STARTED DIGGING IN 2003. THE PICTURES WERE TAKEN IN 2010 WHEN WE RENTED A DIGGING MACHINE. DARIO WAS WITH ME IN 2011 AND HERE'S A PIC OF DARIO GOING FOR THE GOLD.

Eagle Cap Collectibles

Consign now for our next Auction

Howard Banks
www.EaglecapCollectibles.com
541-761-9456 hbanks@budget.net

HOPE TO COPE OR SAY NOPE TO THE SCOPE OF THE POPE ROPE-A-DOPE

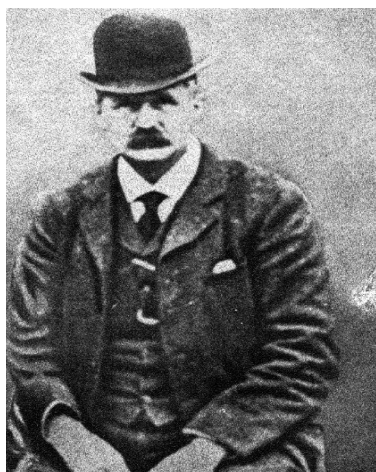
BY DARIO DIMARE * NIA #5302

Frank L. Pope of Elmora, New Jersey is the epitome of why people don't trust lawyers. Lawyers can be great at complying with the letter of the law as opposed to the intent. Dope Pope truly put the screws to Mr. Lewis. He was threading on thin ice, but twisted the truth and screwed Mr. Lewis. Let me explain....

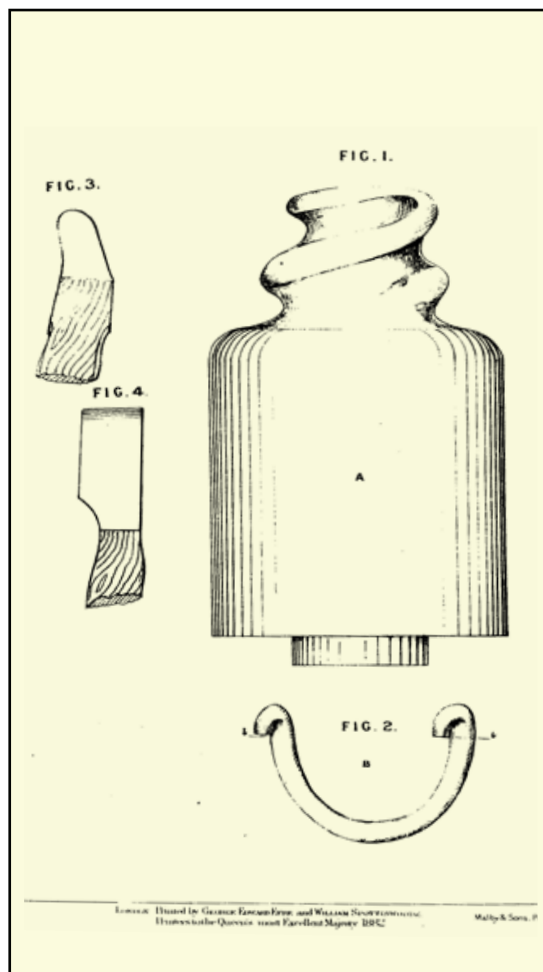
Below is the initial Slater Lewis patent dated March 3, 1882. He patented the insulator in both glass and porcelain in England. It was no doubt his invention. The intent was clearly spelled out. It described how you would put the metal clip or shackle on the top of the insulator and hook it to the line-wire. As it screwed on the diameter got bigger eventually securing the wire and shackle together without using tools. It was amazing.



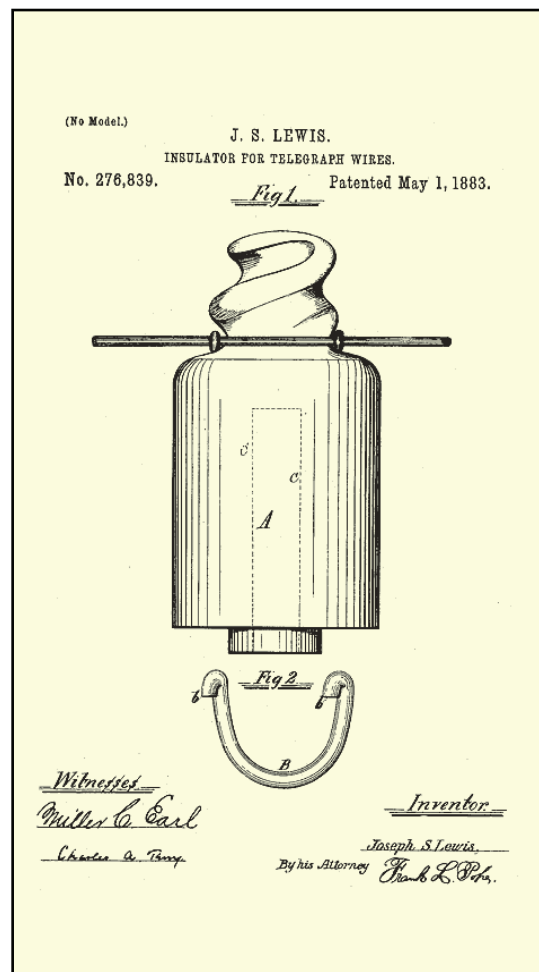
So a year later this May 1, 1883 patent below shows the J. S. Lewis patent of the same insulator except it is a U.S.A. patent for use in the United States and Canada. The inventor is noted as Joseph S. Lewis. But wait a minute, in the fine print you can see is also says "By his Attorney Frank L. Pope". Yup, Mr. Lewis hired Dope Pope to be his patent attorney and represent him in this venture. So as this invention is explained to the benevolent and trustworthy lawyer, Dope Pope notices a graphic typo. The top threads were drawn spiraling in the wrong direction. They screwed the same way as the pin screw threads so they would not screw on simultaneously. So Pope changed it so the shackle would screw on the insulator as the insulator screwed on the pin while simultaneously screwing Mr. Lewis. A classic lawyer move!



J. S. LEWIS



LEWIS PATENT - MARCH 3, 1882



LEWIS PATENT - MAY 1, 1883



FRANK L. POPE

HOPE TO COPE OR SAY NOPE TO THE SCOPE OF THE POPE ROPE-A-DOPE

(CONTINUED)

So miraculously Dope Pope invents something he knows nothing about and applies for a patent three weeks after the Lewis patent was granted. Pope's patent below was eventually granted on Dec 25, 1883. What a wonderful Christmas present for Mr. Lewis. The inventor show on the patent below is the one and only Frank L. Pope. Yup, the same Patent Attorney Mr. Lewis used for his insulator. Notice the only real difference is the direction of the spiral which Mr. Lewis had already fixed while making the porcelain and glass British insulators. Mr. Lewis was then forced to work with Dope Pope on the National Insulator Co. CD110.6 and CD 110.5 insulators. That is why the definition of a CRYING SHAME has not change in 150 years. CRYING SHAME: "A boat load of lawyers going over a cliff with one empty seat". ▲

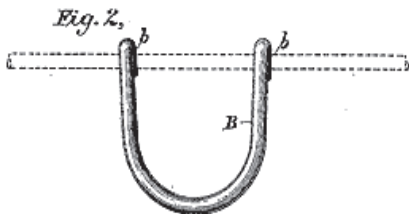
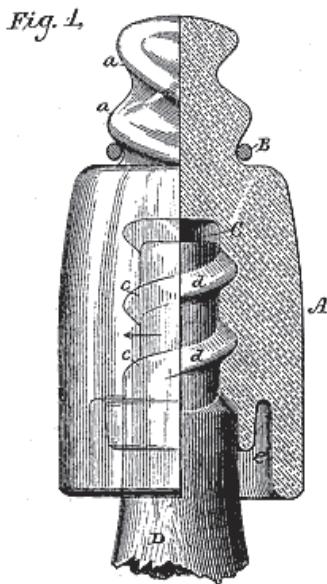
(No Model.)

F. L. POPE.

INSULATOR FOR ELECTRICAL CONDUCTORS.

No. 290,922.

Patented Dec. 25, 1883.



WITNESSES

Wm A. Smith.
Geo W. Brock.

INVENTOR

By his Attorneys *Frank L. Pope,*
Pope Edgcomb & Butler.

FRANK L. POPE PATENT - DECEMBER 25, 1883

Lewis self-binding insulator
[Trade Journal]
The Electrician & Electrical Engineer
New York, NY, United States, June 1885
vol. 4, no. 6, p. 203, col. 2

THE LEWIS SELF-BINDING INSULATOR.

In his article on the construction of lines for electric circuits, Mr. Thomas D. Lockwood, on page 89 of the March number of this journal, referring to the Lewis self-binding insulator, states that the conception of forming the outside screw in a direction opposite to the internal screw, in order to provide for the simultaneous attachment of the insulator to the line wire and the pin, is due to Frank L. Pope. This statement although technically correct, inasmuch as the device was patented to Mr. Pope on December 25th 1883, in justice to Mr. Lewis, requires an explanation. The invention was original with Mr. Pope, but after the issue of his patent, he for the first time learned that Mr. Lewis had at an earlier date conceived the same invention, and had embodied it in insulators manufactured under his supervision in England. While this circumstance does not of course impair the validity of Mr. Pope's patent, yet there can be no question that Mr. Lewis was a prior and independent inventor of the same device, and it is a matter of simple justice that he should have due credit therefor. In preparing his article, Mr. Lockwood of course had no access to other sources of information than those afforded by the records of the United States Patent Office.

Keywords: Insulator : Slater Lewis : Pope : Self-Tying Insulator

Researcher notes: While the scenario stated in the article may be true, the evidence does not bear this out. It is a fact that Mr. Pope was the patent attorney for Mr. Lewis on Mr. Lewis' patent application dated May 2, 1882 with patent granted on May 1, 1883. Mr. Lewis' patent was for threads on the top of the insulator with the same turn as those in the pinhole, which prevents screwing down the insulator and engaging the tie-wire loop at the same time. Mr. Pope's patent application was dated May 23, 1883 twenty-two days after the Lewis patent was granted. Mr. Pope's patent called for reverse threads on the top of the insulator which did allow screwing down the insulator to engage the tie-wire loop and the threaded pin at the same time. While the insulators produced by Mr. Lewis in Europe had reverse threads, his U. S. patent did not. It is obvious that Mr. Pope discovered the error in the Lewis patent while he was working as Mr. Lewis' patent attorney, and later claimed the correct threading as his own novel idea in his later patent application.

Supplemental information: Article: 5387 Patents: 27 6,839; 290,922 (see patent gb1882-0001017)

Researcher: Elton Gish

Date completed: January 30, 2009 by: Elton Gish;

COLLECTING FOREIGN INSULATORS

BY MIKE DOYLE * NIA #5932

Collecting high quality, high desirability, foreign insulators is an exciting and rewarding challenge but, it takes a unique and single-minded level of commitment. As a US Navy Sailor of some 25 years, I lived in a few different cultures and this helps me understand the personal issues that collectors and dealers should consider when contemplating collecting high quality, high desirability, foreign insulators. This has been an incredibly challenging and interesting experience for me. It has bent me in directions that I didn't know that I could (or should) bend. As a single, technical professional, I have the time and resources to direct toward this aspect of collecting.

Hobby pioneers such as Marilyn Albers also had the time and resources to explore their collecting interests outside North America. They and their hobby friends and associates laid invaluable groundwork in the 70s and 80s upon which we all stand today. The fruits of their labor and love of collecting awakened an awareness of foreign insulators in the hearts and minds of many, many American collectors. Their publications excited and educated collectors of all ages. This awakening led others to become interested and ultimately 'hooked' on *des isolateurs en verre*, and *gli isolanti in porcellana*. If you choose to turn your attention to offshore collecting, it's best to go into the arena well prepared. Hopefully, this work will provide you with a realistic set of expectations.

In this article, we'll explore my perspective; an experienced, American collector of some forty years who has suddenly and enthusiastically chosen to establish hobby related partnerships with foreign nationals in more than seven countries. The collector who chooses to reach across international borders and import insulators is taking on an expense both considerable and multifarious. Obviously, the seller's asking price will be your first consideration. We'll look at some options to help manage this part of the equation. A less obvious but often more painful consideration is freight. We'll touch on four factors affecting freight: method, weight, dimensions and exchange rate. Another significant consideration will



be your cleaning and preparation logistics. I'll explore picking a suitable location and acquiring some basic tools and equipment.

Let's start with the terms of the deal. Remember that this number is almost always negotiable. Many collectors and suppliers are experienced wheelers and dealers who can frequently be engaged in mutually agreeable "Best Offer" or Exchange/Trade deals. Also remember to be respectful of the hobby culture into which you are attempting to inject yourself.



Most offshore collectors see our transactions as ridiculously overpriced and many view our inflated hobby market with some aggravation. They openly express resentment when I enter "their" hobby market prepared to offer an order of magnitude more for "their" insulators than their fellow countrymen collectors are prepared to offer. My failure to consider and be sensitive to this cultural difference has killed an

untold number of deals before I have even opened my wallet.

Another factor affecting the deal is Nationalism. Many offshore hobbyists only collect insulators produced in or used in their own country. More than a few collectors disagree with any form of commerce that results in "their" insulators leaving the country. Other collectors encourage their fellow hobbyists to help prevent the oldest and most historic pieces from leaving the motherland. While I can sympathize with the concept, it is an inward-looking, old-school attitude that has certainly met its fate in our internet-enabled marketplace. This attitude has also had the unintended consequence of creating a quiet, hidden class of collector/seller/trader who favors capitalism over nationalism. All of this "hobby politics and intrigue" is real and it effects commerce. I try to always remember that I should tread carefully and be respectful.

A couple additional points I consider when crafting an agreement are these. I always set the explicit terms of our deal in writing. I make sure that both of us are crystal clear. This is a particularly good way to build trust quickly. Finally, I try to carefully consider the supply and



COLLECTING FOREIGN INSULATORS

(CONTINUED)

demand side of the transaction whenever possible. Unfortunately, this does require an ability to “read the tea leaves” but there is no substitute for patience and restraint. Pieces that look totally cool and are rare (today) can be purchased for a dime-a-dozen three years from now. Still cool but common and dirt-cheap. How many of you own one of those cute Belarussian cobalts (CD 565.1)? Tread carefully, listen to your little voice.

Freight is the ultimate moving target when it comes to importing high quality, high desirability, foreign insulators. Many of the offshore sourced pieces currently available in the US were rescued by collectors who brought them here many years or even decades ago when freight was much more reasonable. These days, the good stuff must be “hand carried” home on a plane or express shipped by couriers like UPS, DHL, Delta Air Cargo, etc. In my personal experience, there is no way to hire an express courier to get a quality insulator safely and quickly from Romania, Russia, Belarus, Spain, Italy, Poland, Australia, Germany, South America or UK for under \$55 USD. That is the reality of international, commercial express courier tracked shipping. Another reality is the international exchange rate. You don’t control it, but you can watch it change and delay or accelerate a deal to save yourself a few bucks. As soon as I ship offshore, I engage in international commerce and the monetary exchange rates come into the equation.



When considering package dimensions, there are only a couple of things to remember. First, make the shipping carton a regular rectangle and make it strong. Share this information with your offshore partner and be sure that he or she understands. I have pictures that I send my prospective sellers to help describe the need for a



structurally sound container. Second, remember that the length limit of a packaged parcel is just under two meters. If you want to ship a crossarm that is over two meters, then you must arrange for airfreight. My experience with Delta Air Cargo has been excellent. I understand that DHL has an oversize option as well, but I have yet to use it. For the purposes of this discussion, please remember that I’m focused on importing foreign insulators not already available through the domestic dealer network. In other words, stuff I never see at shows.

I’m going to digress for just a moment because this side note is worthy. When importing insulators in quantity for resale, such as the little cobalts mentioned above, the insulators can be compactly crated and sent by what many European postal services refer to as Economy Shipping or “slow-boat”. This method offers the greatest cost efficiency, but the shipment is often untracked, and packages shipped this way are frequently subjected to much more brutal handling than those shipped using express courier 5 day, for instance. If you want to use shipboard or air economy be my guest. Marilyn Albers and others have used it to great advantage. Large freight containers capitalize on the “economy of scale” but they often require your physical presence in the foreign country, or they require a capable, professional freight agent to handle the material on your behalf.

Sadly, unless you’re traveling in-country for pleasure, your round-trip ticket or your freight-agent’s handling fees will usually completely offset any advantage that you may gain by opting to ship in large quantity. I strongly advise against the use of economy shipping when moving rare or large glass and porcelain. On the other hand, shipping hardware is perfectly suited for the economy method. In any case, I consider every single shipment to be moving “By The Grace Of God”

COLLECTING FOREIGN INSULATORS

(CONTINUED)

because if it gets lost or confiscated, I don't have a snowball's chance in hell of getting anything out of the transaction without a monumental amount of work. I go into every shipment knowing that everything I just planned could evaporate in the blink of an eye.

Quantity	Net Weight (lbs/ozs)	Value (US\$)	HS Tariff Number	Origin Country
1	1 12	5.00		US
1	1 6	3.00		US
1	1 6	3.00		US
1	1 2	1.00		US
TOTAL	7 12	\$15.00		

A few final thoughts on freight are important because I do a lot of trading with my offshore partners. I print all of my own customs paperwork straight off of the USPS web site where I also schedule free pickup. I have a 50-pound digital scale and little Brother-printer. I put my customs paperwork into a zip-lock sandwich bag and tape it to my parcel. My postal carrier picks up my outgoing parcel from my front porch on the day that I schedule it for pickup. Concerning customs and import tariffs, remember this. In some countries, collectors have established an account or "running tab" with their national post office. This account accumulates import tax fees and the collector makes payments on the fees when he or she chooses. Finally, the higher the value you declare on an outgoing package, the higher the tax that the foreign government charges the collector. If you Google this, you will be shocked at the rates at which incoming goods are taxed by some foreign governments. Be sure to discuss this with your offshore partner.

Now, let's discuss cleaning and pin extraction. I know that many of you go to great lengths to preserve the original appearance of all of your insulators. For you, this section may be much less interesting than the preceding sections. For those of you who pick and choose which pieces to clean and which to leave in their "as rescued" condition, I'll continue. When I import foreign insulators that are freshly rescued, I am very often presented with cleaning challenges that I almost never encounter with domestic insulators. The glazes, coatings and color markings on my freshly rescued foreign pieces can be partic-

ularly sensitive to cleaning in ways that have surprised me. If a piece looks like it's going to be a touchy job, then I clean it with a sponge and Bar Keeper's Friend.

Much of the soot, exterior grade paint, stucco and electrical grade adhesive that becomes bonded to the surface of these insulators is untouched by commonly available acids. The first thing that I do after I receive and unpack newly imported pieces is put on all my PPE and put my newly imported jewels in Lye for two weeks. This almost always cleans them to a spiffy gloss. Many of the foreign collectors on the web are happily willing to answer questions about commonly accepted cleaning methods, and the cleaners and solvents to avoid when cleaning certain styles. I typically ask a lot of questions online.

It takes great patience and experience to carefully, safely and successfully extract the pins from many offshore sourced insulators. Wait! Patience? Did he write, "Patience"? Yes, sir, I believe that he did write, "Patience". Most offshore insulator styles are bonded to their mounting hardware with adhesives that are designed to survive a broad range of environmental conditions and formulated to remain effective for a century. Pinhole thimbles and their accompanying adhesives require a complex and dangerous two-step removal process involving a strong acid and an equally strong base. The time that it takes to extract a pin can vary dramatically from three weeks to almost a year. The specialty compounds and fluids required for pin removal are expensive and potentially harmful to the user and the environment. To complicate matters even more, some of the solvents and corrosives release a lot of heat (exothermic reaction) when they are added to water or to the base of the pinhole. This can cause fractures in the glass or in less frequent cases, fractures in the porcelain or stoneware.

My first rule is Be Safe! My second rule is Take It Outdoors! I do everything that I possibly can outside the home. I use a full lab smock, shoe protection, face shield and goggles, approved high-arm gloves. Many pin-bonding compounds require weeks or months to break down in a very strong (and dangerous) solution of sodium hydroxide



COLLECTING FOREIGN INSULATORS

(CONTINUED)



(lye or base) or concentrated hydrochloric acid. I have no air handler so anything involving fumes must be performed outdoors. I also have the cooperation of a local recycler to assist with the disposal of the fluids and solids that result from repeated use of my materials. Since I live in California, I have to be ultra-vigilant and I have to dispose of every little bit of by-product with my local recycler. Fortunately, I live in an Ag-heavy, industrial area and the local recycler is prepared to receive all of the material I bring in free of charge.

I'll describe three scenarios to help illustrate my use of these materials. First, consider this: some salt glazes such as those found on the Varley products will be damaged when they are exposed to the acid that I use to reduce the iron pins.

To mitigate the potential for glaze damage, I apply a liberal coating of paraffin wax to the insulator surfaces before I begin dissolving the iron pin. I stand the insulator in an inverted position in a little holder and carefully apply the acid or base only at the junction point of the pin and pinhole. If the pinhole is completely full of bonding agent, then I have to get creative. I'll let you discover your own solution to this "full pinhole" scenario.

The iron reduction process can take many months. It is extremely slow and requires (patience and) multiple iterations of adding acid, letting the acid do its thing until it's no longer liquid, rinsing and testing pin tightness, perhaps carefully scraping away a little loosened bonding agent and then repeating the process. No chopping or hacking here. Be patient and let the solvents do the work. I must also be careful not to spill the acid into the recess between the inner and outer skirt or shed. The acid will weaken the inner's bonding agent and could possibly irreversibly damage the integrity of the insulator. At the end, when the insulator is finally free of the pin, I use a rag soaked in mineral spirits to wipe away the paraffin.

Second scenario: several Italian insulators have a copper thimble cemented into the pinhole. Less than one ounce of nitric acid is all that it takes to reduce the thimble to mush, but the process quickly generates a lot of caustic, poisonous fumes and a lot of heat. Before I apply the acid to the pinhole, I put the insulator in a little plastic pan I rigged



to hold the insulator straight up and down. I slowly and carefully raise the temperature of the insulator to about 120- or 130-degrees Fahrenheit using a sink full of increasingly hot water into which I place the small pan. I don't have to tell you how risky this simple step is. Once the insulator is hot, I carry the water filled pan-rig outdoors (full PPE here) and pour in the nitric. The brown, extremely dangerous, nitrogen dioxide gas vapors begin to form immediately and after about 20 minutes are no longer visible. I leave the insulator in the hot water filled pan over night. In the morning, the reaction is complete and the whole rig has cooled to equalize with the surrounding air. I dump the aqueous cupric nitrate into a glass and add tiny strips of aluminum, then later I add baking soda. I put the mess in a small, sealed plastic pill bottle and drop it off at the local recycler. After a careful insulator rinse and a two-day rest in the Sodium Hydroxide (NaOH or Lye) the remaining adhesive can usually be carefully picked out of the pinhole with one of my trusty, stainless steel dental tools.



My third scenario involves a porcelain unipart from Poland that comes to me with a liquid Sulphur impregnated hemp bonding mixture holding in an iron pin that has been cut off with enough exposed length (thankfully) to firmly secure the pin in a vise. If the groundman who assembled the equipment so very long ago did a respectable job then this piece will have to soak in the lye for anywhere

from a few weeks to a few months before I can begin to loosen the pin/insulator bond with a rubber strap wrench. The strap wrench process usually ends up being repeated about eight times over eight to ten weeks. Once the initial bond is separated in the pin hole, the lye can leach into the narrow openings, but the pin is still a long way from coming free. Every week the insulator becomes more loose and

COLLECTING FOREIGN INSULATORS

(CONTINUED)



every week it goes back in the lye until the pin finally comes out of the insulator.

As I am sure that you can imagine, the possible cleaning and pin removal scenarios are endless, and each presents its own, unique set of challenges. It's a lot like recreationally rebuilding Chevy 350 engines. You do it for fun! You do it for your friends and maybe for a few clients but in almost every case, some unique twist or turn in the process forces you to invent a new procedure or buy a new tool.

Let's look back for a moment at the points that I have discussed. The seller's asking price is my first consideration and where rare and desirable pieces are concerned, my seller's ask rarely lands below \$40 or \$50. Much more often, it starts at \$100. That's pretty much a baseline. Even in quantity, I am paying for my seller's time, travel and shipping preparation.

Next, I examined my experiences with freight. Two choices, cheap and slow or spendy and fast. One way is risky and untracked and you pay a minimum of \$40 per piece, the other way is fast and you get tracking with a 5 to 10 business day transit so you pay a minimum of \$80 per piece. I shipped an M3XXX Thomas to Italy. It weighed 65 pounds crated and cost \$365 to get it there. It arrived on the 5th business day, in the Po valley, safe and sound. However, the piece I received in return is easily worth every penny spent.

Finally, I shared some insights to the surface cleaning and pin extraction processes. The tools and chemicals and time are even more valuable than freight. In fact, they can be looked upon as labor costs if you ask me. And you know how labor goes. This is really a labor of love though, and like anything else, if I looked at this purely from a money-grubbing standpoint then the soul, the excitement and the fun would evaporate. I'm not going to do that. However, I am going to make sure that you understand what you're getting yourself into. That's what this article has been all about, right?

Best in collecting to each one of you! ▲

Thank you for your interest,

Michael Doyle

polecat@oldinsulators.com



INSULATOR HUNTING IN WALES

SUBMITTED BY JACK NESBIT

In the UK, the field of early power insulators has barely been explored by most collectors. We have some renowned early telegraph pieces, but what did the very first high voltage pin types look like?

Myself and fellow collectors Richard Serridge, Jake Rideout and Alex Rice have set out to find and hunt the last remaining 'wild' sections of the earliest power lines built in the UK — hopefully to build a picture of how power insulators developed in this country, and to discover first hand some amazing, never before-seen patterns!

Our most recent hunts have been in Wales, a country that was full of industry in the early 1900s and has all the right terrain for hunting.

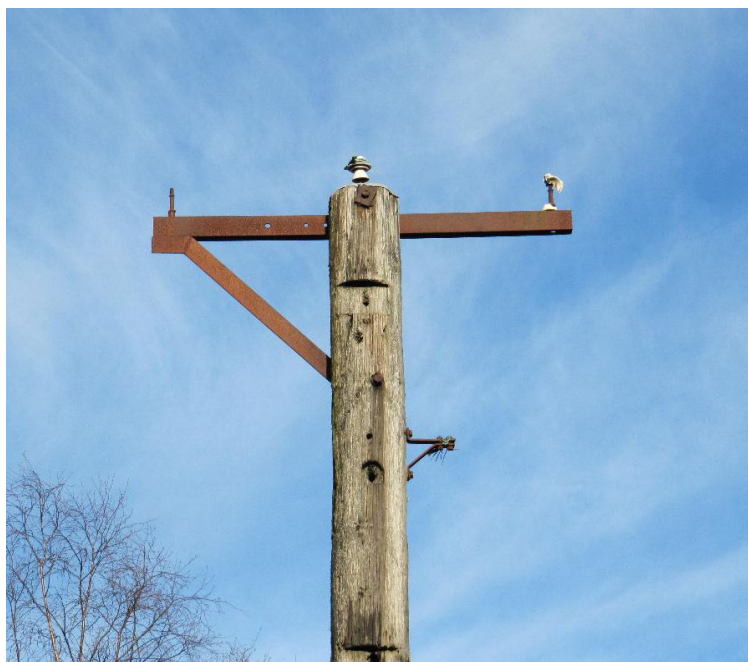


PHOTO 1 – VIEW OF THE FIRST POLE CONTAINING ONE REMAINING SMALL SIZE DELTA.

We had discovered a 1915 colliery line on a previous trip which used these deltas, but that is another story!

It was interesting to see the small deltas again on another line. We photographed the pole, and carried on trying to trace the line. The next pole was a H pole, and it had rotted through at the base and fallen down. It seemed to have been a transformer pole, but had been completely stripped at some point, and only two empty steel arms remained. Lying in the undergrowth at the pole stumps were two broken suspensions of the standard type, nothing special but they did have a very nice early brown glaze.

Our trip had started with some amazing finds, on the Powell Duffryn line and the Ebbw Vale line — but the best was still to come. On day three we decided to check out a smaller line running along a valley side to several collieries in the Pontypool area. We had no information on this line, other than standing poles spotted on google earth — so we weren't sure what to expect at all.

The line wasn't far from the main road, so we parked and walked up into the trees on the valley side. Soon, we came across a very old power pole still standing but long out of use. It had an unusual crossarm arrangement for an early pole, a single crossarm with three insulators and a large diagonal angle brace securing the arm. Only one complete insulator remained, a small early delta pattern made by Bullers.



PHOTO 2 – EARLY SUSPENSIONS FOUND AT THE H POLE STUMPS.

The next pole along had a completely different set up to that of the first pole – two insulators on a channel arm and a third on a pole top channel bracket – which had actually rotted off the pole top and rolled down the hillside. This time the insulators were substantially larger; Bullers P.5067s with 1940s style ink stamp markings. These are one of the larger delta styles that Bullers produced.

INSULATOR HUNTING IN WALES

(CONTINUED)



LEFT: PHOTO 3 – TWO P.5067S AFTER BEING RESCUED FROM THE POLE.

We deduced from this find that the previous H pole must have held a transformer as we'd suspected, and the voltage was stepped up/down at that point.

The next pole contained a mix of broken pin types and modern suspensions, but this was soon forgotten about when I walked over a small rise and looked down into the trees to see a standing pole containing three very special insulators.



ABOVE: PHOTO 4 – THE ORIGINAL SURVIVING POLE CONTAINING THREE 'UMBRELLA PATTERN' INSULATORS.

What I was looking at was three surviving insulators of a pattern we call 'umbrellas'. These are another classic which before now had not yet been discovered outside literature. 'Umbrellas' were developed around the same time as the 'mushroom' pattern, and are clearly based on early US two piece power insulators.

LEFT: PHOTO 5 – AN EARLIER VERSION OF THE UMBRELLA PATTERN.

They were very popular with the South Wales Electric Power Distribution Co. (SWEPC Co.), who seem to have used them on most of their lines up to the mid 1910s at least.

I shouted back to the others with great excitement, but they didn't understand why my eyes were popping out of my head until they caught up and saw the pole! We hurried down to get a closer look, and the first thing we noticed was the unusual shape of the insulator's crown – made obvious due to one of them practically hanging at an angle as a result of a nearly rusted through pin.

We couldn't believe our luck. Even though the insulators were clearly split due to cement expansion, we knew that if we could get them down safely then we would have repairable examples.

After this we walked out into a small clearing, and we could see the next pole lying in the undergrowth not too far away. When we got to it, we were amazed to find two more umbrellas still in place. They were also split, but all the pieces were there – and they had lovely early speckled brown glazes.

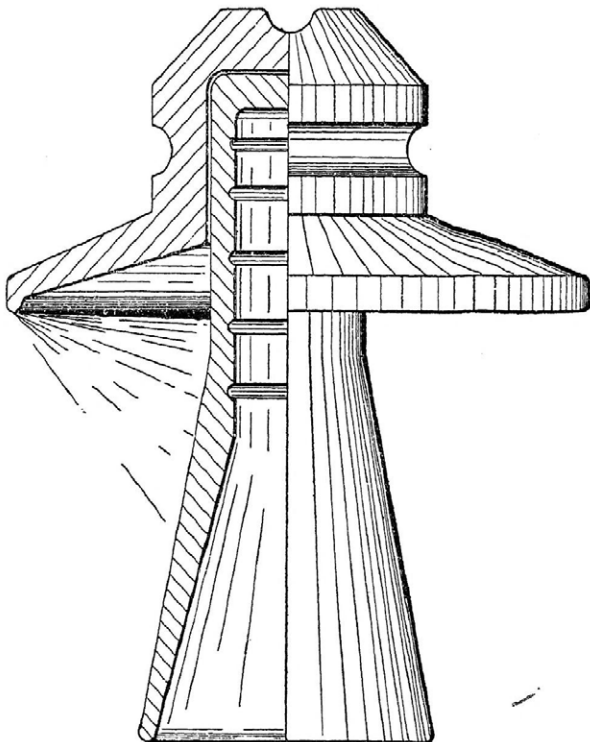


FIG. 91.—Special Form of High Tension Insulator made by Messrs. Buller. It will carry Wires either in the Groove on the Top or in that on the Side.

INSULATOR HUNTING IN WALES

(CONTINUED)



LEFT: PHOTO 6 – THE FALLEN POLE WITH TWO UMBRELLA PATTERNS STILL IN PLACE

The top insulator was missing part of its crown, so I searched in the grass just below the pole top and out came the missing piece. When I turned it over I got yet another shock. Stamped on one side was the marking 'SWEPCO Co. No.2'! Power insulators stamped with a company name are a holy grail, let alone patterns designed specifically for that company. That explained the special crown design, and also confirmed that this was indeed a SWEPCO Co. line.



LEFT: PHOTOS 7&8 – TWO CLOSE UPS OF THE MARKINGS.

It turned out that all of the insulators were stamped with this marking, as well as the Bullers pattern number P.3195.

After this pole, the line sadly ended at a typical SWEPCO Co. style narrow H pole, with suspensions and a large terminal box. We turned our attention to collecting all of the pieces for the umbrellas, and while we were doing so, Jake and I found the third insulator from the fallen pole. It was lying in the grass near the pole base so had clearly fallen off while the pole was still standing. It was another split, but repairable example.



ABOVE: PHOTO 13 – TRADEMARK LOGO DELTA AS FOUND (SEE NEXT PAGE)

INSULATOR HUNTING IN WALES

(CONTINUED)



ABOVE: PHOTOS 9&10 – TYPICAL SWEPCO. TERMINAL POLE & ALEX RICE HOLDING THE THIRD UMBRELLA FROM THE FALLEN POLE, FOUND LYING NEAR THE POLE BASE.

Next we nervously brought down the pole containing the remaining three umbrellas; luckily its fall was cushioned by some bushes. Amazingly, the entire top of one of the insulators was complete. I kept that one, and a good repairable base. We managed to save 4 repairable insulators from the two poles, the others were just too far gone or we couldn't find the pieces.

Another notable feature of this line is the hardware. The pole top pins are very similar to early US style pins, yet the cross arm pins are like giant versions of British Langdon telegraph pins.



ABOVE: PHOTOS 11&12 – EARLY TTC DELTA ON DISCARDED CROSSARM & ANOTHER POLE FOUND FURTHER ALONG CONTAINING SMALL WHITE DELTAS.

The crossarm held two very early brown deltas, almost identical to the Bullers P.5065 pattern but instead made by Taylor Tunnicliffe & Co. and stamped with their logo on the crown – another first seen. We lost no time in rescuing these. The third one had



The nuts holding the cross arm ins in place are also special, as they employ a small sealed well which was filled with grease or oil for maintainability.

This had been another unforgettable hunt, and had provided us with yet more insight into the development of UK power insulators.

To top it off, we followed the line in the other direction for a short while and found more of the lower voltage poles just like the first pole we had seen. It was hard to trace at first until Jake and I stumbled upon a section of pole, and a discarded cross arm nearby.



sadly perished when the pole was taken down, and was trapped under the arm.

We found several poles after this one, and they all contained the small white deltas in varying states of brokenness. One had a new marking variation for this pattern – the Bullers trademark logo. After a while we couldn't find any more poles and were losing light, so we admitted defeat. 🐱

Glass Insulator Collector

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Buy - Sell - Trade

NIA #8176

SAVE THE DATE

2020

FOHBC NATIONAL ANTIQUE
BOTTLE CONVENTION

Thursday, July 30 - Sunday, August 2, 2020

Grand Sierra Resort & Casino
Reno, Nevada



For information:
Richard Siri
rtsiri@sbcglobal.net





Dear Friends and Fellow Insulator Collectors:

As you may know, it is with great disappointment that the 2020 NIA Convention and Show has been cancelled due to COVID-19 Shelter-In-Place requirements. We are all sad about the news of course, and we all owe a big thank you for all of the hard work and careful planning that the show hosts - Don & Jeanne Briel and Arnold & Linda Smith – put in to plan what would have been a great event this month. Hopefully by this time next year, the restrictions will be lifted, therefore...

We – Tommy Bolack and Lou Hall - are deeply honored and pleased to invite you to participate in the 52nd National Insulator Association (NIA) National Convention and Show, July 2 – 4, 2021, in Farmington, New Mexico! We are looking forward to your attendance at the McGee Park Convention Center and we are working diligently to make sure you experience the BIGGEST and BEST National Show yet.

The McGee Park Convention Center facility is a 49,000 square foot air conditioned space that includes an elevated ADA accessible stage. The area includes restrooms and a concession area for close access to food and beverage. The floor plan allows for at least 250 sales tables and 39 exhibit tables. The General Membership Meeting will be held in the same facility and will accommodate seating for 200+ participants. The Sunray Casino is immediately adjacent to the Conference Center and provides additional dining and lounge facilities.

Tours will be available Monday, June 28, 2021 thru Saturday, July 3 for the Bolack Museum of Fish and Wildlife, and the Bolack Electromechanical Museum. Tommy Bolack's insulator collection may be seen by appointment only. Shuttle service will be provided to and from B-Square ranch starting at the McGee Park Convention Center Friday, July 2, and Saturday, July 3. The Awards Banquet will be held in the ballroom of the headquarters hotel (Farmington Courtyard by Marriott), and will feature awards for both years, 2020 and 2021. You're also invited to celebrate the 4th of July Sunday evening by watching Tommy Bolack's annual fireworks display from the B Square Ranch.

The Farmington Courtyard by Marriott is located in the southwest part of Farmington, within walking distance of historic downtown and is just 2.2 miles from the airport. The room block will open in August 2020. This hotel has a smoke-free policy. The facility has 121 rooms, 4 suites and includes a fitness center, indoor swimming pool, free high speed internet, and meeting rooms. The Bistro is your food and beverage destination for refreshing breakfast choices in the morning, and a variety of dinner, beer and wine options in the evening. The Bistro also offers specialty beverages made with Starbucks® coffee to help you get a jump on the day. The Patio area faces the river walk along the Animas River. Other services also include complimentary parking and airport shuttle, laundry and dry cleaning services and business center services.

Plan a longer vacation stay with your spouse, family or friends and take in the tourist attractions of this portion of the southwest. Chaco Canyon Cultural Park, Mesa Verde National Park (cliff dwellings), Monument Valley, Four Corners National Monument, the Durango & Silverton Narrow Gauge Railroad, the Farmington Freedom Days Celebration and many other attractions are all within easy driving distance.

Please sign up for your-dealer and/or exhibit table(s), bring your displays you were making for this year, and get ready for a great event. Everything you need to sign up (including some free things!) are on our website www.nia2021.com and www.nia.org.

We look forward to seeing you in Farmington, New Mexico – July 2-4, 2021!

Tommy Bolack, NIA #3756
Show Host

Lou Hall, NIA #7185
Show Committee Chairman

NATIONAL
INSULATOR
ASSOCIATION



WELCOME

52nd Annual NIA
Show & Convention
in Farmington, NM

Friday, July 2 thru
Sunday, July 4, 2021

Hosted by Tommy Bolack

Committee Chairman: Lou Hall



UPCOMING EVENTS

AUGUST 2020 – OCTOBER 2020



IMPORTANT NOTE: This list was accurate to the best of our knowledge at the time of publishing. Due to uncertainties caused by the Coronavirus / COVID-19, please contact the show host(s) prior to attending any of these shows in case they have been canceled or rescheduled. Thank you.

AUGUST 8, 2020 (Saturday) **MARTINSBURG, WEST VIRGINIA**

The 21st annual Shenandoah Valley Insulator Show & Sale sponsored by the Chesapeake Bay Insulator Club will be held Saturday, August 8, 2020 from 9:00 AM to 1:00 PM at the B&O Roundhouse in Martinsburg, West Virginia Dealer set up from 7:00 AM to 9:00 AM. 8 foot tables are \$25 for the first and \$20 each additional table. There is no admission charge. For more information and directions, contact Jeff Hollis at redo-ak1953@gmail.com or 304-671-5359.

AUGUST 15, 2020 (Saturday) **PORTERVILLE, CALIFORNIA**

The Merzoian Brothers Tailgater is to be held Saturday, August 15 under Mark Merzoian's cool wedding ranch pole barn located just outside of Porterville (California). Tables, breakfast snacks, and lunch will be provided. Please join us...bring glass and mud to sell, trade, or just show off. Reunite with friends from near and afar. We like to think of our gathering as a Mini-Rohde (the King of Tailgaters). Start time is 8:00 AM and lasts until the last vehicle leaves. Contact Bob Merzoian (bob-merzoian@mac.com), Mark Merzoian (memerzoian@ocsnet.net), or Dave Brown (lskychair@msn.com) for further information or to RSVP. See you then!

AUGUST 21-22, 2020 (Friday-Saturday) **BEND, OREGON**

The annual Jefferson State Insulator Club's Tres-Amigos Insulator Show & Sale in Central Oregon will be held August 21 - 22 starting with dinner Friday evening followed by our traditional bonfire and story-telling time. On Saturday the show will begin early. Tables will be provided. If you would like a table, please let us know beforehand so the correct number can be ordered. There will be a BBQ lunch at 11:35 AM. Side dishes are welcome. Be sure to bring your "Go-Withs" and any other treasures along with your hunting and adventure stories for the Friday evening bonfire. Please RSVP. Lodging and camping available at nearby Tumalo State Park or camp on site. Our location is 64420 Research Road, Bend, OR 97703. Info: JIM SINASEK (541) 383-8067 or oregon-jim@q.com. ERNIE CARLSON 503-622-3573 or ecarlson6@frontier.com or MID NORRIS 541-281-2715 or mudhen@gmail.com.

AUGUST 22, 2020 (Saturday) **NISSWA, MINNESOTA**

The North Western Insulator Club invites you to join us for the Annual Summer Swap Meet and Show at the home of Colin and Karen Yennie, 1126 Ebert Drive, Nisswa Minnesota. Set up is in the yard, the garage, the driveway and anywhere else you can find. Please bring your own table and chair. We will have canopies in case of rain. Colin will be grilling burgers, hot dogs and brats-please bring a side dish to share. Hours are 9 AM to 3 PM. RSVP to Karen or Colin at klyennie@hotmail.com or (507) 271-3457. All are welcome-bring a friend and introduce them to a fun hobby with friendly people.

SEPTEMBER 19, 2020 (Saturday) **OTTAWA, ILLINOIS**

The Greater Chicago Insulator Club's annual fall swap meet will be held at the home of Tom and Mary Nugent located at 1999 N. Columbus St., Ottawa, IL 61350 from 9 a.m. - ????. Bring a table if you can. Free lunch. Club auction with Rick Soller taking bids. For more information or to RSVP, contact Tom at (815) 434-5157 or tnugent@ivnet.com. Although the address is listed as 1999 Columbus Street, attendees need to turn on Alexis Street to get to this address. You cannot see the house from Columbus Street and you have to travel to the end of Alexis Street to get to the address of the swap meet. Coming from I-80, Alexis Street is one mile south on Columbus Street/U.S. 30 and is the first right turn after Reynolds Manor Dr. You will be going west when you make the turn. Tom will have signs up to make it easier to find his domicile.

SEPTEMBER 26, 2020 (Saturday) **BATH, ONTARIO, CANADA**

4th Annual Bath Antique Bottle and Insulator Show, Saturday September 26th, 2020. Time is from 9:00 AM to 2:30 PM. Admission is Free, 428 Main St. Bath, Ontario, Canada K0H1G0. Vendor fee is \$10 which get you a table which is 30" X 60". Please email Richard Dobing at loyalistcollectibles@gmail.com to reserve a spot or for more details.

SEPTEMBER 26, 2020 (Saturday) **LAWRENCE, KANSAS**

First Annual Border States Antique Mart Show & Sale will be held at the Douglas County Fairgrounds, 2120 Harper St. Bldg 21, Lawrence, KS 66046. This show is a combination of the NW Missouri Insulator & Bottle Show in Platte City, MO and the Kansas Territory Bottle & Postcard Show in Hutchinson, KS. This will not replace our spring shows, but it will give our region a fall show. We are taking the place of another long time antique show, so citizens of the surrounding area are already used to coming. It will still be mainly insulators & bottles, but we will be adding a little more variety of dealers to attract more attendees. Lawrence is a college town off of I-70, in between Kansas City & Topeka, KS, with a good population. The facility is over 9500 square feet and we are already sold out with over 100 tables. There will be a food vendor on-site for convenience. Show will open to the public from 9:00 AM to 3:00 PM. Admission is FREE. Contact Darryl Wagner at (816) 719-0801 or darryl@dwagnerkc.com for more information.

OCTOBER 4, 2020 (Sunday) **CHELSEA, MICHIGAN**

The Huron Valley Bottle and Insulator Club annual show will be held at the Comfort Inn Conference Center located at 1645 Commerce Park Drive, Chelsea, Mi. (just north of the I-94/M53 exit. Hours:9:00 AM to 2:00 PM. Admission is \$3. For more information or sales tables, contact Rod Krupka (248) 627-6351 (rod.krupka@yahoo.com) or Mike Bruner at abbott4girls@sbcglobal.net.

OCTOBER 24, 2020 (Saturday) **GARLAND, TEXAS**

The Garland Insulator and Collectibles Show will be held Saturday October 24, 2020 at the Springhill Suites by Marriott, 3251 E. George Bush Turnpike, Richardson Texas 75082, (972) 479-0300. Show hours are from 8:00 AM to 4:00 PM with free parking and free admission. Dealer tables are \$35.00 each with setup Friday night from 6:00 PM to 9:00 PM and Saturday morning from 6:00 AM to 8:00 AM. Contact show hosts Gary Fine (972) 414-9085 gfine102@aol.com or Mike Lyell (214) 681-0244 mikelyell@verizon.net for more information or to reserve a table.

UPCOMING EVENTS

NOVEMBER 2020 – JULY 2021



NOVEMBER 6–8, 2020 (Friday–Sunday) SPRINGFIELD, OHIO

The 50th Mid-Ohio Insulator Show will be held November 6-8 at the Clark County Fairgrounds, 4401 South Charleston Pike, Springfield, Ohio. Exit 59 off I-70. Show hours are Friday 3:00 PM to 6:00 PM, Saturday from 8:00 AM to 5:00 PM, and Sunday from 9:00 AM to closing. Info: CURT BOSTER email: cboster530@att.net or (614) 301-5125 or LOIS BLAIR (740) 852-3148. Additional info at: <http://www.insulators.info/shows/springfield/>

DECEMBER 4–5, 2020 (Friday-Saturday) TULARE, CALIFORNIA

Date Change!! The 53rd Annual Tulare Insulator and Collectibles Show will be held In Tulare, California this December 4th and 5th, 2020. Over 80 dealer tables are available located in a large auditorium complete with a full-kitchen and plenty of parking spaces. Insulators, bottles, glassware, and much more can be found. Admission is free. Doors open Friday at 9:00 AM and close at 5:00 PM and on Saturday the hours are 9:00 AM to 3:00 PM. Come to buy and browse. You won't be disappointed. For further information and location directions or to book a dealer table or two, please contact Bob Merzoian at (559) 359-2826 or bobmerzoian@mac.com.

JANUARY 16, 2021 (Saturday) MAITLAND, FLORIDA

The annual Central Florida Insulator Collectors (CFIC) and the Antique Telephone Collectors Association (ATCA) Show will be held January 16, 2021 in Maitland, Florida in the Germaine Bldg. located at 220 W. Packwood. Sales tables are: First table is \$25.00 and each additional table is \$20.00. Set-up is from 7:30 AM 8:00 AM. with the public allowed in at 8:00 AM. until 3:00 PM. There will be coffee and donuts for the dealers. There will be lunch concessions on the premises. This is a one-day Show and Sale held annually on the same weekend as the "Renninger's Antique Extravaganza" in Mt. Dora, Fl. which begins for "Early Buyers" on Friday, January 15, 2021. For information and reservations contact: PAUL MIKULA, NIA#7466, 650 EAST CHAPMAN ROAD, OVIEDO, FL 32765. TEL: (407) 365-4686; EMAIL: wecoman@bellsouth.net



JULY 2–4, 2021 (Friday–Sunday) FARMINGTON, NEW MEXICO

The National Insulator Association's 52nd Annual Show and Convention will be held at the McGee Park Convention Center in Farmington, New Mexico. The fairgrounds are located at #41 CR 5568, Farmington, NM 87401. There will be plenty of dealer space and exhibit space plus a multitude of things to do in the area. Complete

show information will be available in 2020 at the Logan, Utah National and subsequently online. Your Show Host is TOMMY BOLACK, (505) 325-4275 or (505) 325-7873 Committee Chairman LOU HALL, (559) 284-4211, louhall@pacbell.net

THE UPCOMING EVENTS LIST APPEARS COURTESY OF:
<https://allinsulators.com>

TO SUBMIT AN UPCOMING INSULATOR SHOW:
https://allinsulators.com/hobby/shows/submit_show/

SAVE THE DATE!



52nd Annual NIA Show & Convention in Farmington, NM

July 2 - July 4, 2021

Hosted by Tommy Bolack

Committee Chairman: Lou Hall

BIGGER & BETTER than the 2014 National Show!

Visit: www.NIA2021.com
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*\$30 Table Deposit Returned at the 2021 Show.



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**Attention young insulator collectors-
this scholarship is for you!**

Money for college \$1000/\$500 up to \$2000

Write a 300 word essay telling us how to spread the word about the hobby.

Go to <http://www.nia.org/scholarship>



Submission deadline is March 1

The Scholarship Application and Application Guide is available at:

<http://www.nia.org/scholarship/>



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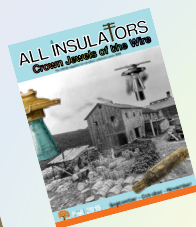
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ALL INSULATORS

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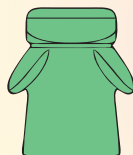


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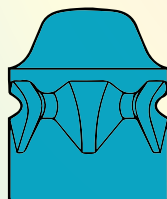
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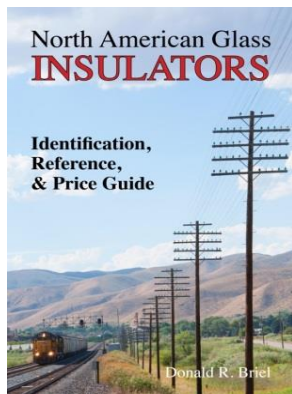
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Contact info

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ROBERT JOHNSON: WANTED: CD 102 Diamond ponies with mold numbers. Looking to fill in number / color combination gaps in my 100-piece specialty collection. contender31@yahoo.com • (985) 445-7821

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Help support the NIA's Drip Points by advertising. New rates below include discounts for multiple runs. We now offer classified rates also.

# of Issues	Covers*	Full Page (8" x 10")	1/2 Page (8" x 4.5" or 4.5" x 10")	1/4 Page (4.5" x 3.9" or 8" x 2.1")	1/8 Page (3.9" x 2.1" or 2.2" x 4.5")	1/16 Page (2.2" x 1.8")
1 Issue	\$135	\$90	\$50	\$30	\$18	\$12
2 Issues	\$257	\$171	\$95	\$57	\$34	\$23
3 Issues	\$379	\$252	\$140	\$84	\$50	\$34
4 Issues	\$497	\$331	\$184	\$110	\$66	\$44
5 Issues	\$614	\$410	\$228	\$137	\$82	\$55
6 Issues	\$729	\$486	\$270	\$162	\$97	\$65

* Back Cover (8.5"x8.5") Inside Back Cover & Inside Front Cover (8.5"x11")

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Please supply camera ready artwork; preferred file formats include: PDF, TIF, JPG, DOC, DOCX.

Ads can be designed for an additional fee (please contact Doug Rusher at admanager@nia.org).

To receive the multi-issue discount, ads must run in consecutive issues with no changes.

Ads must be pre-paid. We accept PayPal (treasurer@nia.org) or checks payable to the NIA.

Ads must meet all postal regulations that govern publications mailed at Non-Profit Standard Mail postage rate.

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To place an ad, send form with payment to:

Doug Rusher

3370 Chance Ct.

Helena, MT 59602 admanager@nia.org

DRIP POINTS Publishing Schedule

Issue	#	Deadline	Mailing
February	1	Jan. 10	Feb. 1
April	2	Mar. 10	Apr. 1
June	3	May 10	Jun. 1
August	4	Jul. 10	Aug. 1
October	5	Sep. 10	Oct. 1
December	6	Nov. 10	Dec. 1



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THANK YOU FOR YOUR SUPPORT!

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Anonymous	Washington	Emerald	
Anonymous	Washington	Emerald	
Anonymous	California	Emerald	
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Anonymous	New York	Emerald	
Anonymous	California	Emerald	
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Anonymous	California	Green	
Anonymous	Illinois	Green	
Anonymous	New Mexico	Green	
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PLEASE NOTE: The list above is compiled from multiple sources and may not be complete. If you have donated this year, but don't see your name (unless you wanted to be anonymous), please contact the Development Committee Chairman. If you are interested in donating to the NIA or would like to become a Sponsor, please see pages 64-65.



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THE FOLLOWING INSULATOR CLUBS ARE MEMBERS OF THE NIA



Central Florida Insulator Club
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Titusville, FL 32780-5356
321-480-1800
bluebellwt@aol.com



Chesapeake Bay Insulator Club
Larry Novak
12604 Eldrid Court
Silver Spring, MD 20904
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Chattanooga, TN 37405
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djic@clubs.insulators.info



Greater Chicago Insulator Club
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Glen Ellyn, IL 60137
630-793-5345
gcic@clubs.insulators.info



Golden State Insulator Club
Bob McLaughlin
2327 E. Goshen Ave.
Fresno, CA 93720
559-790-0194
rdmclau@comcast.net



Huron Valley Bottle & Insulator Club
Rod Krupka
2641 Echo Lane
Ortonville, MI 48462
248-627-6351
rod.krupka@yahoo.com



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103 Canterbury Court
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Houston, TX 77059
lsic@clubs.insulators.info



Missouri Valley Insulator Club
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Smithville, MO 64089
816-719-0801
mvic@clubs.insulators.info



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Colorado Springs, CO 80901
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danielgauron@yahoo.com



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Do you represent a local insulator club or other related organization? Become an NIA Affiliated Club today! See next page to apply for or renew your membership.



NIA MEMBERSHIP & RENEWAL FORM

Prospective members may join the NIA at any time; however, the "membership year" begins on January 1st and ends on December 31st. New memberships issued within three months of the beginning of the new membership year (October – December) will be good for the following calendar year. New members are entitled to all membership privileges immediately upon acceptance by the NIA. **If you are joining the NIA during the months of January through September, your membership will expire on December 31st of this Calendar year.**

Submit payment (**Payable to the "NIA" in U.S. funds**) to:

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Revised March 1, 2020

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 - Receive guaranteed early exclusive access to NIA National Shows to display, buy and sell insulators.
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 - Start your own insulator reference library with the "NIA Resource Page", "Fake and Altered Insulators" and "What is an Insulator?"
 - Advertise your hobby passion through your complimentary NIA Decal, Membership Bars, Membership Card and free ad in Drip Points.
 - Use your membership to run for the National Insulator Association Board of Directors to shape the future of the hobby.
 - Contribute to a National Scholarship Program and financial support for NIA Show Hosts in your local area.
 - Continue membership to sustain these benefits and help raise the next generation of insulator collectors through your knowledge & engagement.
- Note: The NIA Member Handbook is available on the NIA website (www.nia.org/membership/index.htm).
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Hanes Adult T-Shirt, Embroidered logo on front

Colors: Smoke, Smoky Graphite, Sky Blue, Electric Blue, Aqua, Dark Cobalt, Lt Brown Amber, Med Amber, Rootbeer Amber, Lt Olive Green, 7 Up Green, Dark Olive Green, Yellow, Golden Amber, Oxblood, Deep Red Amber

Price: \$17 (S-XL) \$20 (2X-3X)

Color(s): _____ Size: _____ Qty: _____

Shirt Sizing Chart

S	32-34	XL	44-46
M	36-38	2X	48-50
L	40-42	3X	52-54

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Price: \$17 (S-XL) \$20 (2X-3X)

Color(s): _____ Size: _____ Qty: _____



Button Down Shirt

Port Authority SanMar Blend, embroidered logo on front

Colors: Dark Smoke, Aqua, Cobalt, Lt Brown Amber, Yellow, Flashed Amber

Price:
Short Sleeve: \$32 (S-XL) \$34 (2X)
Long Sleeve: \$34 (S-XL) \$36 (2X)

Short or Long Sleeve: _____

Color(s): _____ Size: _____ Qty: _____



Hooded Sweatshirt

Gildan Adult Full-Zip Hooded Sweatshirt, embroidered logo on front

Colors: Medium Smoke, Cobalt

Price: \$32 (S-XL) \$36 (2X)

Color(s): _____ Size: _____ Qty: _____



Denim Button Down Shirt

Sierra Pacific, Short or Long Sleeve

Color: Aqua

Price:
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Short or Long Sleeve: _____ Size: _____ Qty: _____



Crew Neck Sweatshirt

Gildan Adult Crewneck Sweatshirt, Screen print with small logo on front & large logo on back

Color: Smoke
Price: \$29 (S-XL) \$33 (2X)

Size: _____ Qty: _____



Un-Structured

Embroidered Caps

Colors (Un-Structured):

Smoke, Dark Smoke, Aqua, Cobalt, Lt Brown Amber, 7 Up Green, Olive Green, Yellow, Gold Amber, Flashed Amber, Pink, Oxblood

Colors (Structured with Mesh):

Khaki-Brown, Royal-White, Kelly-White, Red-White, Heather-Gray-Black, Royal, Cardinal, Gray-Charcoal-Black, White-Royal, Khaki-White

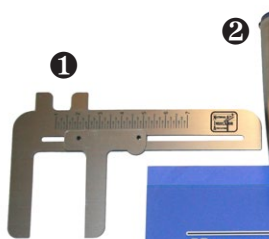


Structured with Mesh

Price: \$15.00 Cap Type: _____ Color(s): _____ Qty: _____

1 Insulator Caliper

Measures up to 7"
Plastic will not scratch insulators
Long outside & short inside jaws
Price: \$18 Qty: _____



2 20 oz. Copper-Lined Stainless Steel Tumbler

Yeti-like Stainless tumbler keeps drinks cold or hot for hours!
One color imprint (blue)
Price: \$25 Qty: _____



3 16 oz. Travel Tumbler

4 color imprint
Price: \$14 Qty: _____

4 NIA Collector's Patch

2 3/4" x 3 3/4" embroidered patch
Price: \$4 Qty: _____

5 NIA Window Decal (Color)

For outside car window - 4 1/4 x 5 3/4
Price: \$7 Qty: _____

6 NIA Window Decal (White)

For outside car window - 5 1/2 x 6 3/4
Price: \$10 Qty: _____

7 NIA Challenge Coin

2019; 50 Years of Meets & Shows; 2 sided
Price: \$10

8 NIA Hat/Lapel Pin

Price: \$7

9 NIA Name Badge Engraved; beveled edges; Magnetic back Price: \$12

Name Badge Engraving Information:

Name _____ NIA# _____ City _____ State _____
Name _____ NIA# _____ City _____ State _____
Name _____ NIA# _____ City _____ State _____

10 Badge Bar NIA or Club position, Club Bars, Show Bars, Awards or Custom Bars Price: \$4

Badge Bar Engraving Information:

Club Bar _____ Qty: _____ Line 1 _____
Show Bar _____ Year _____ Line 2 _____



Tote Bags

Sturdy with white screen print NIA logo - Dimensions: 12 1/2" W x 13 1/2" H x 8 1/2" D; 14" handles

Colors: Sapphire, Light Brown Amber, Cobalt, Oxblood, Black

Price: \$8
Color(s): _____ Qty: _____

Insulator Collectors Hobby Directory - 2020 Hobby wide directory to locate other collectors in your area or around the world Price: \$7 (shipping included) Qty: _____

Contiguous U.S. Postage Rates:

- \$8.00 for the first item of clothing, hat, tumbler, tote or caliper & \$3.50 for each additional item in same group.
- Patches & Badge Bars \$0.75 ea.
- Decals, Name Badges, Hat Pins, Challenge Coins..... \$3.75 ea.
- If patches, badge bars, decals, name badges, hat pins & challenge coins are ordered with clothing, there is no additional postage for these items.
- For postage outside the Contiguous U.S., please contact us for a quote.

Subtotal: \$ _____
U.S. Postage: \$ _____
Total Enclosed: \$ _____

Please make check or money order payable in U.S. funds to the National Insulator Association.

Name: _____
Address: _____
City: _____ State: _____ Zip: _____
Phone: _____
Email: _____

Please send detached, completed form and payment to:
Margaret Wagner, 14615 Skyview Ave., Smithville, MO 64089
(816) 719-0802 • niaproducts@nia.org



NIA Donation Form

Name: _____ Date: _____
 Address: _____ Phone: _____
 City: _____ State: _____ Zip: _____
 Email Address: _____

Sponsorship Program: Sponsor an Insulator Manufacturer at the levels in the chart below or pick your favorite Insulator Manufacturer or favorite Embossing. Sponsorships on the chart are unlimited, unless someone chooses to double the donation amount and that will make it "Exclusive" for that calendar year. All Individual Manufacturers or Embossing's are "Exclusive" for the calendar year received and can be chosen for a donation of \$100.00. If you pick a Manufacture or Embossing that has previously been sponsored, you will be notified to choose another.

Donation Amount	Manufacturer for Each Level (circle choice)			Your Donation
	Glass	Porcelain	Threadless	
\$ 50.00	McLaughlin	Lapp	McMicking	\$ _____
\$100.00	California	Pittsburgh	Lefferts	\$ _____
\$150.00	Dominion	Ohio Brass	Mulford & Biddle	\$ _____
\$200.00	Brookfield	Thomas	Chester	\$ _____
\$250.00	Hemingray	Fred Locke	Tillotson	\$ _____

Your preferred Manufacture or Embossing: _____ \$100.00 donation

Standard Donation Program: If you would prefer to make a gift or donation for the general fund or directed to a specific area, you can do so at the level of your choice.

Amount of Donation		Donation Level	Donation Area (circle one)
\$ 0.00	-	\$ 49.99	Aqua
\$ 50.00	-	\$ 99.99	Green
\$ 100.00	-	\$ 249.99	Emerald
\$ 250.00	-	\$ 499.99	Carnival
\$ 500.00	-	\$ 999.99	Amber
\$ 1,000.00	-	\$ 2,499.99	Peacock
\$ 2,500.00	-	\$ 4,999.99	Purple
\$ 5,000.00	-	\$ 9,999.99	Cobalt
\$ 10,000.00+			Hobby Benefactor
Other Donation area: _____			General Fund
			Amount \$ _____

Amount Enclosed: _____ **Signature:** _____ **Date:** _____
 Additional Information: _____ **If it is OK to list you as a donor, check here:**

All donors will be listed on the NIA website and any donors of \$50.00 or more will be listed in Drip Points
 To say "Thank You" for your support, donors can receive the following: Choose or Decline

Donations of \$100+ can choose an NIA hat Color: _____
 \$150+ can choose an NIA hat or NIA T-shirt Color/Size: _____
 \$200+ can choose an NIA hat & NIA T-shirt Color/Size: _____
 \$250+ can choose an NIA Button Down or Denim shirt Color/Size: _____

Please mail form and payment (payable to NIA) to: NIA Treasurer, Bill Rohde, P.O. Box 28, Colusa, CA 95932

For additional information regarding gifts to the National Insulator Association, Inc., please contact the NIA Development Committee, E-mail address: donations@nia.org. Your gift is deductible, to the fullest extent of the law. The National Insulator Association. www.nia.org is a 501©3 non-profit organization.



DONATE TO THE NIA

A REQUEST FROM THE NIA DEVELOPMENT COMMITTEE

Thank you for your support of the NIA!

Dear Fellow Collector,

The NIA is a 501(c)3 nonprofit organization and as such, gifts may be tax deductible. Gifts of support will help the Association improve existing benefits and services as well as create new benefits and services for members and those collectors who are yet to become members. Your gift will allow the NIA to continue its mission to encourage growth and public awareness of the insulator hobby through collecting, dealing and educational endeavors.

SPONSORSHIP PROGRAM: You can sponsor an Insulator Manufacturer or your favorite Embossing by donating at different levels. Sponsorships are for each calendar year. See the donation form for more information.

The NIA has identified four areas where donations will help create and enhance programs directed to that mission.

SCHOLARSHIP FUND: Currently the NIA can grant up to two scholarships totaling \$2,000.00 each year. Additional funding would give additional funds for future years; scholarship grants could be increased; or additional scholarships could be granted each year.

EDUCATIONAL RESOURCE DEVELOPMENT: There are projects that have been suggested but haven't been implemented for lack of funding such as the production of classroom video presentations, NIA traveling displays for use by learning facilities such as libraries, schools, museums and a Speakers Bureau. These are just a few of the new ideas for greater community awareness of our hobby.

NATIONAL & REGIONAL SHOW SUPPORT: The NIA has assumed a financial supportive role intended to assist National Show Hosts/Organizers in reducing their financial risk. With your donations the NIA could possibly increase advertising and promotional reimbursements, possibly provide all awards at National/Regional Shows and possibly provide financial assistance for Regional Shows.

INTERNET TECHNOLOGY: The desire for instant communication and information retrieval is with us and cannot be denied. For the association and the hobby to continue to grow it must have a strong presence on the Internet and social media. Donations in this area can help redesign the NIA web site, create videos for posting on social media, develop and present "live" shows including interviews, auctions and sales.

Please indicate on the remittance form the area that you would like your donation to be applied. If you choose to donate to more than one area, please indicate the dollar amount for each area. Each donation of \$10.00 or more will receive an acknowledgment and thank you letter from the NIA President. Every donor will be listed on the NIA website and any donors of \$50.00 or more will be listed in Drip Points. At certain levels, you may also choose a "Thank You" gift from the NIA. See the remittance form.

Please submit the completed remittance form along with payment (payable to the NIA) to: NIA Treasurer, Bill Rohde, P.O. Box 28, Colusa, CA 95932.

Your assistance in helping to sustain and grow the hobby is greatly appreciated. **Thank you!**

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Bill Snell, Member at Large

Tom Katonak, Western Region

John Weber, Central Region

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Auction 153 is coming this Summer!

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Check/MO payable to Bill Meier



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Insulator Collectors Hobby Directory

Are
You
Registered



Registration for the Print Edition of the first Insulator Collectors Hobby Directory has been extended to June 7th, 2020. Registration for the Online Directory is ongoing. **Anyone can register!**

This project is sponsored by the National Insulator Association (NIA), but it is for the betterment of the insulator collecting hobby. If you would like to be included in the Printed Directory, there is no charge for NIA members. The cost for non-NIA members is only \$4.50. Bill & Jill Meier have made a very gracious offer to pay this fee so that all collectors who want to have their information listed in the first Printed Directory can do so for **FREE!** Registration in the Online Directory is always **FREE!**

For more information and/or registration: www.insulatorcollectors.org



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