



THE  
OUGHTRED  
SOCIETY

# Newsletter

February 1, 2015

## From Your Newsletter Editor - Ed Chamberlain .....



Once again I am getting the monthly OS Newsletter out a bit late. Maybe I should continue to blame the delay on all the snow that we are getting this winter. Two feet on the ground now, and another 1 to 2 feet forecast for the next 2 days. That keeps me busy shoveling snow and pushing it around with my farm tractor. If it were not for my bum ankle, I would be jumping for joy for all the good skiing snow right out my back door. It is fortuitous that I had this delay, because just a few days ago, the postman brought me the latest *Skid Stick - The Newsletter of the UK Slide Rule Circle*. It is the "Happy New Year" issue!

Peter Hopp, the *Skid Stick* editor, always provides a lot of food for thought and digestion. Most interesting to me in the recent issue is a piece on: "*What should happen to my collection?*" Peter gives actual examples of how several well-known collectors have arranged for the dispersal of their slide rule collections. And he gives lots of advice about what works and what does not work very well. And most curiously, he includes his own solution that has to do with "*last breaths & daisies.*"

I have long been wondering about the post cards being sold on eBay depicting a German child dressed up for school and holding a large paper cone, a Schultüte in Deutsch. These sometimes pop up when searching for a rechenschieber on German eBay. Well, both Inge Rudowski and Peter Holland have provided the *Skid Stick* with photos of their first day at school holding Schultüten. The cones were maybe full of sweets, fruits, colored pencils, writing material and small toys. Perhaps one also included a first slide rule!

Please note that the *Skid Stick* is available by joining the UKSRC. A membership is just £12. Pay by check to Gerald P. Stancey #2a/c & mailed to: Dave Nichols, 36 Sheep Street, Winslow, Buckingham, MK18 3HN, England, or pay by PayPal to the account of rod@lovet.com. Please advise Dave Nichols at <uksrc.membership@btinternet.com> if you have made a PayPal payment.

The reader of this newsletter should take note of the news below about IM2015, which will be held this year in the famed "*Silicon Valley*" of California. Also note the announcement for the national meeting to be held on March 21st at the Faber-Castell castle in Stein, Germany. I recommend that all with German language proficiency attend. The Faber-Castell castle is a grand place.

*Reported by Ed Chamberlain*

## News from the Oughtred Society's President - Bob De Cesaris .....



**CALL FOR PAPERS and PRESENTATIONS for IM2015.** The theme is: "*From Logarithms to Algorithms: Bridging 400 Years of Scientific and Computing Evolution.*" This year's theme has been selected to reflect both the recent celebration of the Quadricentenary of Napier's work on logarithms as well as to highlight the importance of Silicon Valley to computing and the rapid advances in technology during our lifetimes.

IM2015 is tentatively scheduled for the last weekend in September, in Silicon Valley, with a guided tour of the Computer History Museum on Sunday as a key part of the list of activities. Bob De Cesaris will serve as the Proceedings Chairperson; David Sweetman will do the layout of the Proceedings. A Proceedings hard copy, as well as a CD (Proceedings and PowerPoint presentations), will be provided, very similar to what was done for the last international meeting (IM2011) held in the US.

Please contact Bob De Cesaris with your paper title, and please note the guidelines below for submission. . . . Deadline for completed papers to be included in the Proceedings is June 1. Send completed papers to: <[robert.g.de.cesaris@intel.com](mailto:robert.g.de.cesaris@intel.com)> & <[dsweetman@att.net](mailto:dsweetman@att.net)>

**Format for papers:**

- Microsoft Word is the preferred format for the paper; either .docx (Microsoft Office 2007 to present) or .doc (older Word version) is fine.
- Please prepare the paper as a single column Word document (standard default).
- List references and footnotes as endnotes following the text of the article.
- Graphics can be inserted directly into the paper, or submitted separately, per the author's preference; photos should be at 300 dpi or greater resolution at the desired size in full color. If submitting graphics separately, please indicate the location of all graphics in the paper and include captions for all illustrations and graphics.
- Papers will be returned to authors for final approval, in docx format. There may be small changes from the .docx format in the final .pdf documents that will be used in the Proceedings.
- Presentations should be submitted by the same deadline for inclusion into the CD version of the Proceedings.

These instructions have been developed to make it as easy on authors as practicable. Some formatting and other details are left to the discretion of each author, for example, font type and size, title, headings, paragraph designations, etc. We will make all papers appear uniform in the proceedings in these areas. Remember, the deadline for submitting papers is June 1. Please send all questions or comments that you may have to Bob De Cesaris at:

<[robert.g.de.cesaris@intel.com](mailto:robert.g.de.cesaris@intel.com)>

*Reported by Bob De Cesaris*

**Announcement from the German RST .....**

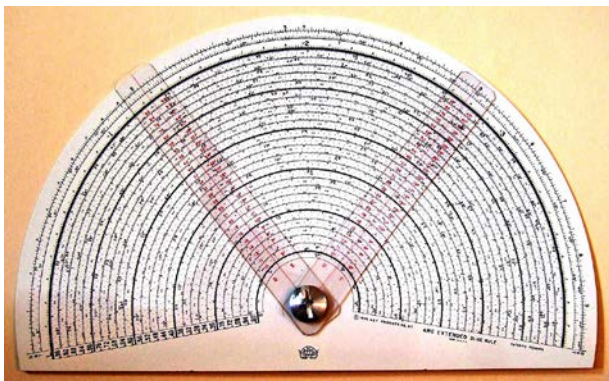


On March 21, the next meeting of German language slide rule collectors will take place in the Faber-Castell castle in Stein, Germany. This is the place where the first German International Meeting took place in 1997. The meeting in Stein will be the 27th meeting of German language slide rule collectors; 25 of them took place in Germany, one in Austria, and one in Luxembourg. We are expecting many attendees for this meeting because the Faber-Castell castle is a very attractive place for this event. An invitation for this meeting can be found below:

<<http://www.rechenschieber.org/RST27.pdf>>

*Reported by Peter Holland*

Featured from the Oughtred Rarities Gallery .....



This month I am featuring the **ARC Extended Slide Rule**. The ARC “*Extended Slide Rule*” is an expanding-ring semi-circular slide rule. The scales are printed on an enameled aluminum surface. Twenty-five semi-circular concentric rings form the calculating scale. The scales cover a bit more than a semi-circle of 180°. I measured about 197°. This is a unique form of the expanding-ring slide rule designed and patented by Arthur Frankenfield in 1961. Two cursors allow for calculations.

The advantages of this semi-circular format are that it has a very long scale (6.35 m) in a jacket pocket sized slide rule, and it does not need to be rotated 180 degrees to make calculations like a circular slide rule. The disadvantage over other circular formats is that the scale segments are not continuous. One must at times reverse the direction of the reference index to stay on scale – much like one must do with the slide on an ordinary rectilinear slide rule. Another disadvantage is that very good eyesight is required to read the ARC scales because the lines are so closely spaced and the numbers are so small. Because the scale expands in length as it approaches the outer edge, the effective length of the scale is 10.6 m.

From the instructions, I know that the ARC was marketed by ADF Products of New York City, a company owned by Arthur D. Frankenfield. I was able to contact Mr. Frankenfield a few years ago. From the archives in his basement, he sent me an example of the ARC and instructions for operating it. He told me that he also patented a full circular version. The patent model had a scale length of about 38 m and had magnifiers on the cursors to help read the scales. It would have been the longest slide rule scale known, had it gotten into production. He also patented gridiron versions in slide chart and spooled forms. The only known examples of the ARC “*Extended Slide Rule*” are in the possession of the designer and in my collection.

I would be interested to know if any other collector has an example of the ARC Extended Scale slide rule, or any other slide rule made by ADF Products. Please write to me at the email address: [<edwin\\_chamberlain@valley.net>](mailto:edwin_chamberlain@valley.net)

*Reported by Ed Chamberlain*

New Oughtred Society Members in 2015 .....

- Herbert Bruderer, Switzerland
- Daniel Geddes, Appleton, WA
- James Lea, Rockport, ME
- Ted Lyman, Los Alamos, NM
- Peter Marten, St. Louis, MO
- James Webb, Okemos, MI
- H. Alan Wyatt, New Orleans, LA

*Welcome to the Oughtred Society!*

**Oughtred Society Membership Dues.....**

**ALERT! It is that time of the year for all to renew their Oughtred Society memberships!**

To join or renew your membership, just visit the [Oughtred Society](#) website and select Membership in the main menu.

*Clark McCoy, Membership Secretary, reporting*

**Mystery Slide Rule .....**

Here is a well-known slide rule as seen through a kaleidoscope. It is the work of Gary Flom. Kudos to the first person correctly identifying the make and model of this slide rule. Write to me at:

**<edwin\_chamberlain@valley.net>**



**Mystery Slide Rule**  
*Reported by Gary Flom*

**Notable Slide Rule Sales on eBay in December .....**

**US Slide Rules (20 slide rules sold for \$100 or more in December for a total of \$5540)**

Keuffel & Esser Duplex 20" slide rule, 1891Cox Patent - \$1,506



**Keuffel & Esser Raymond 1924 Patent Leather Calculator - \$976**



**K&E Analon Slide Rule 68 1400 very rare, original box, instruction book - \$534**

Pickett N4P-ES Vector Type Log Log Dual Base Slide Rule 1959 with case - \$249

Pickett All Metal N-16-ES Electronic Slide Rule, MIB - \$196

Pickett slide rule electronic metal original case N16 ES - \$178

Vintage Dietzgen 20" (Philips ?) slide rule - \$152

Analon Keuffel & Esser Slide Rule 681400 leather case, repaired cursor - \$150

New in box Pickett all metal dual base slide rule. N-16-ES electrolog - \$144

K&E Analon 68 1400 hard cover instruction book, ex. cond. - \$140

Teledyne Post 10" Versalog II 1460 Slide Rule w/Case & Manual NOS - \$135

Pickett N-16-ES Electronic Engineer Slide Rule - \$134

Pickett All Metal Slide Rule Dual Base N803/600ES Extra fine condition - \$128

Pickett N3-ES Power Log Exponential Slide Rule with Pouch paper & Box - \$142

Pickett N200 Trig pocket slide rule w Pouch paper & Box - \$142

K&E Deci-Lon 5" Pocket Slide Rule 68-1130 w/ case and book - \$113

USAF Navigator/Loadmaster Flight Manuals, Slide Rule, Computer Dead Reckon - \$110

K&E Deci-Lon 5" Pocket Slide Rule 68-1130 w/case and book - \$109

Scientific Instruments Co. Bamboo Slide Rule model 1570 with leather case & box - \$102



Pickett N3-ES Power Log Exponential Slide Rule - \$100

NEW slide rule Versalog 1460 (Japan, Hemmi) Frederick Post - \$100

*European Slide Rules (21 slide rules sold for \$100 or more; for a total of \$7796)*



**c1885 “Hoggs Patent Slide Rule” by Stanley Rule & Level Co. - \$2,225**

Faber Castell 2/84N Mathema Slide Rule MIB w/English Manual - \$1,749

Thornton F5100 Black Body Radiation Slide Rule - \$472

Stanley Fuller Calculator Type I, s/n 3544, 1914 - \$415

ARISTO 0972 Hyperlog - \$376 (9 bidders)

Fowler's Long Scale Circular Slide Rule in metal case - \$234



**Aston & Mander Paper Makers 26" slide rule by L. Evans, best offer under \$281**

Nestler No. 22 pocket slide rule, best offer under \$250

Fowler's Long Scale circular slide rule calculator metal case & velvet pouch - \$218



**LOGA Rechenwalze Cylindrical slide rule 15m, fair condition - \$202**

Ewart's Cattle Gauge Slide Rule - \$171

Faber Castell 2/83N Slide Rule. MIB Clear / Green Clamshell Case - \$168



**Dring & Fage gaugers customs & excise slide rule - \$163**



**Chesterman's Cattle Gauge - \$152**

Gravet-Lenoir Règle a calcul 25cm Successeur Tavernier-Gravet, c1870 -\$136

Aristo Nuclear Slide Rule 10174, MIB - \$125



**Berger Trigolog M 2150 Precision Slide Rule German - \$123**

Règle à Calcul pour L'humidité Atmosphérique, 45 cm - \$122

Halden Calculex Circular Slide Rule with case & book - \$114

Faber-Castell slide rule 2/82 case and plastic ruler - \$108

Staedtler 544 28 Slide Rule with Leather Case and Scale - \$105

*Asian Slide Rules (4 slide rules sold for \$100 or more, for a total of \$1092)*

Sun Hemmi No. 266 Electronics Slide Rule MIB - \$362

Hemmi 266 Electronics Slide Rule MIB - \$250

Hemmi 269 Civil Engineer Slide Rule MIB - \$250

Sun Hemmi 20" Slide Rule Two Cursors With Case - \$230

*Reported by Ed Chamberlain*

On The Lighter Side .....



This is what can happen when one rides a bike in a snow storm!

*Reported by Ed Chamberlain*

*..... Send Newsletter Contributions to: [edwin\\_chamberlain@valley.net](mailto:edwin_chamberlain@valley.net) .....*