

Metro Detroit Metalworking Club

November, 2004

Message from John Osborne, MDMC President.

So, here is another newsletter that went out on time. Thanks, officers. And we have a new officer - Dan Hittenmark, our webmaster. I never met him, but he has to be a good guy - he volunteered to make us a website, and he did. Nobody even asked him.

you know - in case you want [to submit](#)
something for inclusion in the website.

Thanks to those who paid their dues. To those who have not - we will have to trim down the mailing list as the newsletter is the club's largest expense.

A sad note: Rudy Kouhought died recently. He was a fine craftsman and did a lot for this hobby of ours. Its time to vote (in the US) and this time, please, no hanging chads. You know what happened last time. Room T-120 opens by 7PM, meeting starts at 7:30 . See you there. *John Osborne.*

Treasurer's Report

Balance Forward from September 1, 2004.....\$40.00
Dues Income for September, 2004.....\$70.00
Other Income for September, 2004.....\$0
Expenses for September, 2004.....\$30.00
Balance at October 1, 2004.....\$80.00

PLLEEEASE bring Dues if you wish to continue the Newsletter. Al Campbell.

For Membership or Club inquiries, please contact any one of:

John Osborne (President)

Emil Cafarelli (V-President)

Al Campbell (Treasurer)

Meetings are 7:30 PM the 2nd Wednesday of the month at:

Macomb Community College (South Campus)

14500 E 12 Mile Rd, Warren, Michigan.

ROOM T-120 (parking off Martin Rd., east of Bunert Rd.)

NEXT Monthly Meeting: November 10, 2004

For Newsletter inquiries, comments, or insertions, please contact either:

John Lee (Publisher)

Brian Lawson (Editor) (

MDMC Website (new!!!) [_____](#)

Dan Hittenmark, (WebMaster)

-First comments had to do with the Yankee Air Force fire loss of their main hangar and many historic airplanes and materials at Willow Run airport late on Oct.9/04.

-A report from John on Larry Chenaults health, which is about the same.

-Due to some confusion about times tonight, the Members voted on a 7pm "doors open" and a 7:30pm meeting start.

-Officers all have a Members List by now.

-Dues are slower than slow coming in. Club needs some money for expenses. Treasurer Al Campbell says that dues paid now will carry through 2005.

-Discussion (relatively short) about holding meetings "more central", but no definitive as to where that is. Someone said he had heard that the "geographic centre" of Metropolitan Detroit is somewhere around Middlebelt/Merriman and 8 Mile Rd. Brian to attempt to collate member density using the Member list for consideration of a different locale for meetings if there is a high percentage indicated from a given area, but certainly MDMC has a wide-spread population. No matter where the meetings are held, some members

will be in-convenienced by a long commute. A number of alternatives were mentioned, and further discussion was tabled until Brian gets some data.

-December meeting to be a "swap meet" as in past years. Some discussion about having that meeting (December 8) in one of the "shop areas" here at MCC, but voted down. We'll just use Room T-120. If big items are brought, they can be best shown in the parking lot, or photos.

-MDMC will have to decide very very soon on a project for NAMES2005, and confirm this with NAMES execas soon as possible, as the floor space we occupy is valuable and shouldn't be too large if we don't get a good number of members to volunteer for the "demos". Dick Triemstra and a few others said they would gladly supply lathes and other machines which were larger than just the Unimat size we've had at past NAMES, so the "public" can get a bit better idea of the hobby and MDMC. Even an HLV was mentioned, but power requirements might dictate that. November meeting will have a "brain-storming" session, and take ideas from the members for the NAMES project and/or demo.

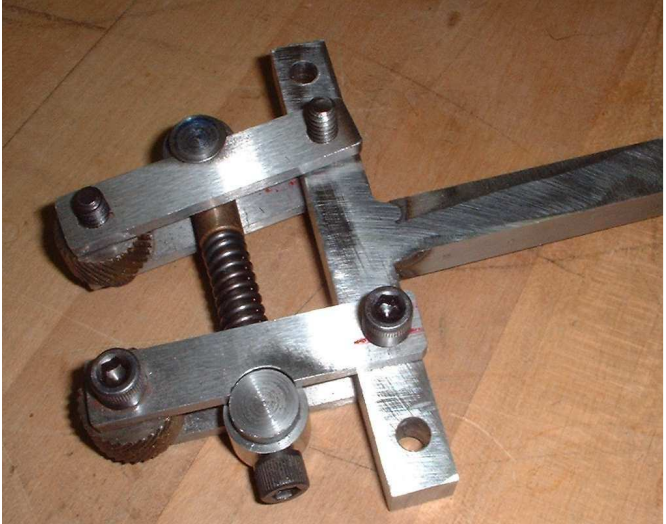
-Suggested that there be a "For Sale and Wanted" page(s) in the newsletter. Send same to Brian.

-Business part of the meeting ended about 8:15 and Show & Tell (S&T) followed immediately.

S&T

1. Leonard Kopich suggested that during Show & Tell, the "Show and Tell-ee" should go to the front and face the seating, and best if the Show & Tell-ee were actually on the raised dais vacated by the Prez and V-Prez, so everybody can see and hear, and he has a blackboard at hand for questions and explanations too. Great idea!! Way it used to be!

2. Bob Fuhrman showed a very nice heavy duty scissor clamping type two roller knurling tool, which mounted right in the compound slide slot, replacing the tool-post.. Someone else (sorry, I forget who it was.. maybe Emil??) had a similar, but with a 3/4" square shank to mount in a QC tool-holder. Both were top quality work.



3. Brian Lawson showed a quick made project "pot-chuck" or "cat-head chuck". To be held in the 3-jaw, mostly on a lathe, it has an arbitrary $\frac{3}{4}$ " round shaft with 60 degree point, and with a larger maybe 3" round cup with fairly thick walls pressed onto the shaft. The "cup" has thick walls to carry 4 (2 pairs) of $\frac{1}{4}$ "-20 opposing screws in the cup periphery acting as "jaws", and the 60 degree point on centre inside the cup. This allows quick chucking of a "not round" piece, such as square stock or some irregular shape, and if there is a centre drilled in each end of the stock, it allows turning between centres very easily and quickly.



4. Emil Cafarelli showed a small hydraulic press he made using two $\frac{3}{4}$ " ready-rods (with nuts to jam) for spreading and holding and adjusting two C-channels about 3 or 4" size by 12" long as base and platen, and a small hydraulic cylinder fastened in to do the pushing.



5. Ron Schmidt showed a part he made to repair a micrometer. It was of a hard white plastic, and was so small that it took a big magnifying glass to SEE it. Don't know how he was able to work at that scale!! It's so damn small we couldn't get a photo!! Fantastic!!

6. Al Drescher had a batch of stuff. First was a nice belt buckle with an inscription on the back, so small that we had to get Ron's magnifier again to read it. It read:
"Machinists are highly skilled people who play an important part in the manufacture of all metal products. Modern society could not function without machinists and the work they do."
 And Al also had two good sized framed lithos of equipment from the early 1900's. One was of mining equipment, and the other was of a surface grinder. Very nice too.



Hope I didn't miss anybody in the S&T. A nice bunch of chit-chat and how-to about the projects and other stuff went on for some time right after S&T was finished, and I was about the first to leave at about 9:15, 'cuz I was in for about a 2 hour drive plus the border crossing. The radio was saying that there was a 2 plus hour wait at the Bridge, so I ended up downtown waiting to get-in-the-line to get-in-the-line to get-in-the-line for the Tunnel crossing for well over 1/2 hour. Never moved, so I decided I'd rather sit ON the Bridge than IN the Tunnel. I wangled my way out of line and was at the Bridge and across and cleared Customs within 25 minutes!! I bet I was darned near home by the time I would have got across at the Tunnel!! Yuh just can't tell, eh?!?! I was home before 12:30.

See ya at the meeting Don't forget, Decembver 8th meeting is a "Swap Shop". Take care. Brian Lawson

NEW NEW NEW NEW NEW NEW NEW NEW NEW NEW NEW NEW NEW NEW NEW NEW
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TREASURES (Stuff I'm Selling) **N' TRASH** (Stuff You Don't Want but I Might)

Treasure=Boyar-Schultz 612 **Surface Grinder** w/Brown&Sharpe 6 x 18 Permanent Magnetic Chuck.
 This is a real "basket case". No motor..no spindle, all in pieces, needs lots of work, but do-able if you've got a lathe. Chuck alone is worth the \$150. *Brian Lawson*
Treasure=WAIT Natural Gas floor **shop heater** . Needs no power. Good condition. .has brand-new thermocouple. Dimensions are about 21" wide, 20 "high, 16" deep total (12" top surface plus 4" more for

chimney box) uses 3" flue pipes. Very simple unit and works very well How does \$150 sound. OK OK
OK 125 bucks then!!

Brian Lawson

Treasure=Propane **RV heater**. great for an ice-fishing hut or samll one room shop heater. Requires 12volt
supply. Vents through a wall, for both intake and exhaust. \$offer\$??. *Brian Lawson*

Trash=I'm looking for 10 foot ladder for the shop high places.

Brian Lawson

So the above is just to get us started off. Hopefully I'll hear from somebody for next month. Brian.

**Larry Chenault's shop stuff is now for sale. (All TREASURES) Proceeds to help with his
rehabilitation.** See extra attached page.

27 October 2004

The following list is a summary of major tools owned by Larry Chenault. Larry has been stricken with a severe stroke and will likely not be able to use any equipment in the future. These tools are being offered under the approval of Larry's family and the proceeds will be used to help with Larry's medical expenses.

<u>ITEM</u>	<u>EST. VALUE</u>
Logan Lathe - Nine inch swing 24" bed Logan Model 100 Six inch three jaw chuck, Six inch four jaw chuck, Six inch faceplate, Center rest, 1/2" Tailstock drill chuck, 1/4" Tailstock drill chuck, Eight tool-holders for 1/4" bits, knurls, cut-off blades, etc., Dead centers - Taper sleeves - mandrels - lathe dogs. Numerous small tooling.	\$1,000.
Nesco Model 13 Drill Press - Floor model - Five speed, 1/2" Capacity, 6-1/2" drill center to column (clearance for drilled materials).	250.
Drill Press - bench model, 3/8" drill capacity, 4" clearance to column.	100.
7" Shaper - Mfg unknown, probably Atlas Seven inch stroke. Needs work but an excellent home workshop machine.	700.
Horizontal Mill - Atlas bench type No model plate but in similar condition to shaper above. Rebuilding would provide an excellent home workshop machine.	700.
Table Saw - Heavy cast iron, industrial quality, in good shape. A good buy at -	250.
Radial Arm saw - Sears Heavy duty with Electronic Measurement	250.
Sander - Combination belt/disk, 1/2 HP, 2" by 42" belt and 6" disk abrasives	50.
Darex Drill Grinder - - pedastal mount - excellent condition	400.
Magnetic Chuck - 11" by 5"	80.
Gage Block set - Van Keuren - 82 blocks (10 blocks missing).	200.
Wells Band Saw - Cut-off type Heavy duty industrial - 8" bar capacity	500.
Air Compressor - Twin cylinder, Two stage	150.
Sand Blast Cabinet - bench mount	100.

In addition to the above, Larry has many drawers of **hand tools**, racks of **steel stock**, pipe **fittings** and small electric **drills**, etc. Make an offer by lot. All proceeds will be turned over to Larry's family for his benefit.

CONTACT FOR ABOVE IS:.....

mdmc