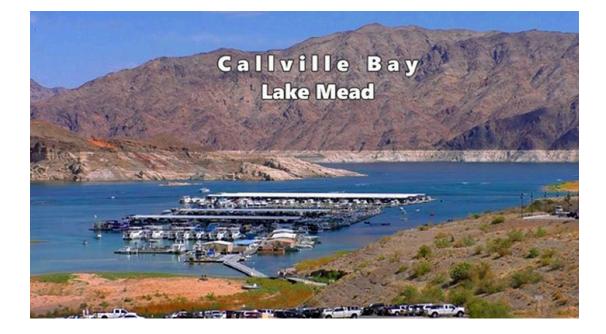
# **Breaking News!**



### We're doing a "T" tour/ breakfast!

Join Us Saturday, November 7<sup>th</sup> for a trip to Callville Bay

Leaving <u>from</u> Skyline Casino at 8:00 am (or meet us at Callville around 9:30)

Please RSVP by Tuesday, November 3<sup>rd</sup> Call Terry Handy: 702-370-2232



## "T" DRIVER



SOUTHERN NEVADA MODEL T CLUB A CHARTER MEMBER OF THE <u>M.T.F.C.A.</u>

#### November Celebrations

**Gents Birthdays:** Gary Cooper 7<sup>th</sup> Frank Ross 15<sup>th</sup> *Ladies Birthdays:* Ramona Cooper 1<sup>st</sup> Jolene Ellefson 3<sup>rd</sup> *Wedding Anniversaries:* Skira & Gabor Orosz 9<sup>th</sup> Debbie & Mitchel Ray 16<sup>th</sup>

| Officers for 2020        |              |  |  |
|--------------------------|--------------|--|--|
| <u>President:</u>        |              |  |  |
| TERRY HANDY              | 702-370-2232 |  |  |
| Vice President:          |              |  |  |
| EUGENE RAMSEY            | 702-361-3926 |  |  |
| Secretary/ Treasurer:    |              |  |  |
| CHERYL SAGO              | 702-373-5150 |  |  |
| Historian/ Newsletter:   |              |  |  |
| TERRY SAGO               | 702-373-2321 |  |  |
| Webmaster:               |              |  |  |
| RON CUSTER               | 702-460-4474 |  |  |
| <u>Tour Masters:</u>     |              |  |  |
| JOHN WARREN              | 702-277-6444 |  |  |
| DeDe LaGROW              | 702-498-6376 |  |  |
| <u>Membership:</u>       |              |  |  |
| GARY COOPER              | 702-494-8335 |  |  |
| <b>Committee Members</b> |              |  |  |
| Junior Ambassador:       |              |  |  |
| CARSON COMBS             | 702-373-0358 |  |  |
| Sales & Drawings:        |              |  |  |
| DIRICK VAN GORP          | 702-738-9607 |  |  |
|                          |              |  |  |
|                          |              |  |  |

#### OUR GOALS ARE:

- To Promote The Model T Ford
  To Promote the Preservation and Restoration of This National Treasure
- To Provide Information and Assistance to All Interested People



southernnevadamodeltclub.org

#### *"T" DRIVER EVENTS*

#### **Calender**

Saturday, Nov 7<sup>th</sup> .... Callville Bay (leave from Skyline Casino at 8:00 am)

> **Christmas Party** (cancelled)

<u>Club Meetings</u> Meetings 2<sup>nd</sup> Tuesday of the month 7:00 pm

"Next Meeting November 10th" Bros Breakfast, Lunch & Dinner 4335 N. Rancho Dr. •dinner 6:00 pm• •meeting 7:00 pm•

#### **Breakfasts**

On Saturdays that we do not have a tour some of us are getting together for breakfast. Be there by **8:00 am**. For now, the location is alternated between:

> Sunshine & Tailwinds Café @ the NLV Airport

&

Bros. Breakfast, Lunch & Dinner @ 4335 N Rancho Dr. (CHECK YOUR EMAIL FOR UPDATES)

> Webmaster - Ron Custer glocksterlv@aol.com

<u>Newsletter Contributions</u> Terry Sago 702-373-2321 or email: <u>cherylsago@yahoo.com</u>

#### SOUTHERN NEVADA MODEL T CLUB

Minutes of the October 13, 2020 Meeting

Meeting called to order at 6:55pm by Terry Handy, President

| -   | Meeting called to order at 0.55pm by reny Handy, President   |   |  |  |
|---|--|---|--|--|
| OFFICERS ROLL   | PRESIDENT<br>VICE PRESIDENT<br>SECRETARY<br>TREASURER<br>MEMBERSHIP<br>TOUR MASTERS<br>JR. AMBASSADOR<br>NEWSLETTER<br>HISTORIAN<br>WEBMASTER  | TERRY HANDY<br>EUGENE RAMSEY (absent)<br>CHERYL SAGO<br>GARY COOPER (absent)<br>JOHN WARREN and DE DE LAGROW<br>CARSON COMBS<br>TERRY SAGO<br>TERRY SAGO<br>RON CUSTER (absent) |  |  |
| JR AMBASSADOR REPORT  | Carson is busy at school, but reported that Saturday after the breakfast,<br>his T broke down (the bands fell apart) and he needs to do some<br>transmission work. He also told us he was invited by Denny Rutkoski to<br>take Denny's red speedster to California this weekend on a tour.                         |   |  |  |
| SECRETARY REPORT  | Minutes of September 2020 meeting were approved. Cheryl reported that our good friend Wayne Atkinson is dealing with cancer.   |   |  |  |
| TREASURER REPORT  | Cheryl reported the balance forward of \$XXXX.XX, with a newsletter expense of \$XX.XX for an ending total of \$XXXX.XX.   |   |  |  |
| PRESIDENT REPORT  | Handy shared that Friday nights starting around 5PM, there is a cruise/car show happening in the old Kmart parking lot at Rancho and Craig Rd for anyone wanting to attend.  |   |  |  |
| TOUR MASTERS  | John reported that there was a possible tour coming up for Callville Bay,<br>and a date was chosen for November 7, 2020. DeDe is checking on a<br>breakfast place off St. Rose Pkwy called Scrambles, and John is looking<br>into a few more places for breakfast tours.   |   |  |  |
| NEWSLETTER  | Terry reports that he is working on a story about brakes, Rocky<br>Mountain, AC brakes and Disc brakes for an upcoming article. John<br>offered to give Terry information. Terry also discussed adding Bros and<br>the Airport Café to the advertising page.   |   |  |  |
| OLD BUSINESS  | John Warren announced that Malinda Ray (Scotty's wife) recently had a stint put in.  |   |  |  |
| NEW BUSINESS  | The Callville Bay tour was set for November 7 <sup>th</sup> , and will start from the Skyline Hotel at 8am, to arrive at Callville Bay around 9:30am. The Christmas party was voted on and a date of December 5 was passed. It will be held at Bros Breakfast, Lunch & Dinner. Watch for your invite in the mail!! |   |  |  |
| 50/50 DRAWING   | 50/50 was \$30, \$15 to meeting was adjourned  | the club and \$15 to the winner, Harold Mann. The<br>d at 7:36 pm.  |  |  |
| Next Meeting date   | November 10, 2020  |   |  |  |
| Treasurer's Report  |  |   |  |  |
| Previous Balance (Sep 8th )\$XXXX.XXClub Supplies(printing & stamps)\$-XX.XXBalance as of Oct 13th2020\$XXXX.XX |  |   |  |  |
| <i>Cheryl Sago</i><br>If you have any dues to pay or financial business with the club,                          |  |   |  |  |
| please contact Cheryl at: (702) 373-5150  |  |   |  |  |

#### I Would Like a New Radiator Please !

Last month I gave you some information on the Boyce Moto-Meter. This month I'm going lower. I'm thinking that I'm going to get another one of those stimulus checks, probably not, but if I did I was thinking about getting Maggie Mae, our T, a new radiator. Every time that I look at someone else's car I think that their radiator looks better than mine, even all 120 Model T's sitting down there in the desert at Yuma. It's also running a little hotter than I think is good. I've gone to great lengths to clean it out, but I really want a new radiator. So I call these guys up to ask some questions. Then they started asking me questions. You need brass or black? Is it low or high? Round tube or flat tube? I don't know, I just want a pretty radiator that keeps the car cool. Now I have to learn something new. So, after sifting through things I thought that I would share what I think I know now.

The early year T's came with an all brass radiator, polished brass. A couple of 1909 T's had a brass removable shell, but typically the exposed part at the front of the car was actually the tank of the radiator. Logos were stamped into

the tank, sometimes the Ford script logo and sometimes the Ford script logo with the wings. Cheryl has named this one the "mustache" logo. The cooling tubes were round tubing soldered to the top and bottom tanks. Seamed, round tubing was readily available and it allowed the fluid to easily pass through without getting clogged.

These polished brass radiators came on cars from the beginning until the big changes to the Model T in 1916. Now even though these brass radiators look the same, there were many differences. Every couple of years the bracket locations changed slightly. Sometimes there was a horizontal tube soldered on the bottom. In the beginning, this was for the acetylene gas to be piped over to the passenger side of the car for the gas headlights. Later they soldered on tubes for the wires to pass through for the electric headlights. Then there was a hole in some for an extra choke wire to pass through the front when hand cranking your car.





Have you ever seen a brass radiator that looks like a wedge or V-shaped? These were designed by Edsel Ford for the speedsters. They were known as "V" radiators and had almost twice as many cooling tubes. Most of these were made by Livingston, but there were other manufacturers out there tinkering with the same idea.

Back to the idea that the Model T never changed, it was always changing. Henry Ford was always looking to give the customer more for their money. In 1916 they went to a black tank (brass painted black) encased in an outer shell. Somewhere during that time the tubes became copper. Some people say that they were reducing the amount of brass in the car because the brass was needed for bullet casings for the Great War. The United States was not in the Great War yet, but they were selling bullets to Europe. These black radiators became know as the low radiators. The core height, the distance between the top and bottom tanks measured 17 inches. This was pretty much standard until 1923.

Sometime in 1923, there were more styling changes made to the Model T and the radiator became taller by 13/8 inches. This is know as the high radiator, with an 183/8

inch core. This size radiator was the standard for the balance of the Model T run through 1927. I found one old parts book that you could purchase a new radiator complete with a new shell for \$12 (of course that was 1920). That's not the case now. A quality, black radiator is about \$800 and a polished brass radiator is about \$1400.



"low"radiator 17" core



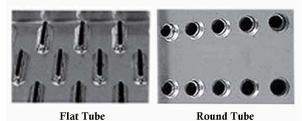
Ford Script with Wings



"high" radiator 18 3/8" core

Now, what about these flat tubes? I can't find out when, but a discovery was made that if the core was made of flat tubes instead of round, more air could pass through the core and dissipate the heat better. Many companies made radiators with these flat tubes and the later Model T's came off the line with flat tube radiators installed. So why would you want a round tube radiator? If you are building a period correct car or a show car you may want a round tube radiator. If you are building a driver, especially if it will be a parade car or you live in the desert you want a flat tube radiator.

**Radiator Core Types** 



Just so that you know, the Brassworks people in Paso Robles, California can build you whatever configuration that you need. You can even get brass radiators with flat tubes so that you can achieve good cooling and one would have to look very close to see that it is not an original. Did you know that if you purchase a "new" replica radiator that has the Ford logo stamped into it, Ford collects a 10% royalty from the manufacturer?

On a side note, did you know that there wasn't a commercial automobile anti-freeze available until 1923 when an Ethylene Oxide product was used and the modern day Ethylene Glycol (green) didn't show up until 1937.

Maggie Mae got a black, flat tube, tall radiator. She's running cool as a cucumber!



Maggie Mae with black radiator

**A Few Notes:** The new radiator has a drain hole in the bottom so that you can add a petcock, a very nice feature considering that the only way to get the coolant out of the old radiator is to remove a hose. Even with a drain pan the garage floor gets messy. The threads for the petcock and the brace rod where very tight in the new radiator, probably full of paint. The new radiator didn't have the brackets to attach the radiator shell, I had to drill the rivets out of the brackets on the old radiator and transfer them. One other thing, I recommend replacing both the inlet and outlet castings, both of these were disintegrating from 95 years of rusting. I had replaced the hoses earlier and I knew that the castings were bad.



Just as I was finishing up on the radiator story in walks Dave Cuddie with pictures of the progress on his latest project. Inspired by a photo that he saw in The Vintage Ford magazine, he decided to build a vehicle that looks like a Model N from Model T parts. When we first saw it a couple of months ago it was 4 wheels and tires in the back of the shed and a frame sitting out back. You will find that all of Dave's work

is amazing, but check out the radiator shell. I'm not usually the jealous type but his radiator is an absolute work of art.



#### **Another Important Player**

Another name that you probably don't know, but was a major contributor to your Model T is Jozsef

Galamb. The genius of Henry Ford was to surround himself with men like Galamb. Galamb immigrated from Hungary in 1903 at the age of 22. He was educated in Budapest as a mechanical engineer and had developed operations for the engine assembly for the German automobile company Adler.

His original interest in coming to the United States was to see the Palace of Transportation at the 1904 St. Louis World's Fair. He found that his education and experience was in high demand in the rapidly expanding industrial development in the United States. He first went to work for Westinghouse and then for Stearns Automobile Company in Cleveland before working for Ford.



Jozsef Galamb

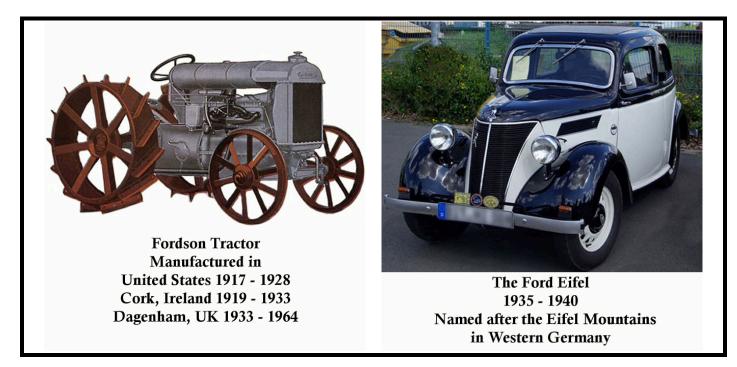
When Galamb first joined the Ford Motor Company they still had less than 300

employees. He went to work at Ford in 1905 as a designer-draftsman at the Piquette Plant along side C. Harold Wills. His first project was to redesign the cooling system on the Model N, the predecessor of the Model T. He subsequently worked on many Model T parts. Wills and Galamb went on to become instrumental in the development of the moving assembly line for Ford's Highland Park Plant.

In 1915 he was put in charge of the Fordson tractor design. His performance was such that Henry Ford promoted him to chief designer for the company, replacing Wills.

During World War I he found himself busy designing military hardware. He also had a hand in the design of the Ford Model A, the Ford V8 and the Ford Eifel that was produced in Hungary, Denmark and Germany.

Due to illness, he retired in 1944 and died 10 years later.



Car Show – Every Friday Night – Dairy Queen – Northeast Corner of Craig & Rancho – Starts Around 5:00



4335 N. Rancho Dr.

| _  | <b>RSHIP &amp; RENEWAL APPL</b><br>I dues of \$30.00 per household mem  |  |  |  |
|--|---|--|--|--|
|  | <b>ENMTC</b> Mail to <b>6916 Hawaiian Sl</b>  | -  |  |  |
| APPLICANT (First, MI, Last Name)                                   |   |  |  |  |
|  |   |  |  |  |
|  | STATE ZIP   |  |  |  |
|  | Anniversary   |  |  |  |
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| SPOUSE (First, MI, Last Name)                                      |   |  |  |  |
| SPOUSE CELL #  | Birthday  | //   |  |  |
| EMAIL ADDRESS  |   | @  |  |  |
|  |   |  |  |  |
| Please list your Model T and/ or any other vintage vehicles owned: |   |  |  |  |
| Year   | Make Model  | Body Style   |  |  |
|  |   |  |  |  |
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