



Lakehead Rotary Chronicle

August 22, 2019



Photo: Clint Kuschak

A fine late summer morning with 19 Lakehead Rotarians and our special guest Tory Tronrud.

President-Elect Sandy worked the helm today surrounded by Terry Fox Run paraphernalia. It's that time of year again.

ON THE DOOR IN 2019/20:

Mo was on the door today. Thank you for your service to your Club. Help your Club this year by taking on the door for one of the months – confirm your choice with Clint.

| | | | |
|---------------|------------------|----------|--|
| JULY | Mo Papich | JANUARY | |
| AUGUST | Mo Papich | FEBRUARY | |
| SEPTEMBER | Carol Dagenais | MARCH | |
| OCTOBER | Graham Stewart | APRIL | |
| NOVEMBER | Paige Martin | MAY | |
| DECEMBER | Gail Brescia | JUNE | |

SPONSORSHIP:

If you can help your Club and wish to promote your business or community interests through a month sponsorship, please contact Sergeant Bill or Clint. Here is the sponsorship line-up so far:

| | | | |
|---------------|-----------------------|----------|------------------|
| JULY | N/A | JANUARY | |
| AUGUST | A&W – Lori | FEBRUARY | IG Wealth Mgt. |
| SEPTEMBER | Shirley DeWilde | MARCH | Salvation Army |
| OCTOBER | 4 Amigos | APRIL | MS Society |
| NOVEMBER | St. Joseph's Found. | MAY | A&W - Lori |
| DECEMBER | | JUNE | 5 Star Rotarians |

Rotarian Lori Martineau



OUR SPONSOR THIS MONTH

A&W [Rotarian Lori Martineau] is our sponsor for meetings in August but was not able to attend today. It's MS Day at A&W Restaurants and Lori will be quite busy all day. Sandy filled in for her to acknowledge the important role that Lori and her company have played in support of the MS Society. One of the fund raising events held by A&W in town is the annual "Burger Day" – TODAY! On this day and for every Teen Burger sold \$2 will go to help those living with MS.



OUR FAMILY OF ROTARY IN THUNDER BAY

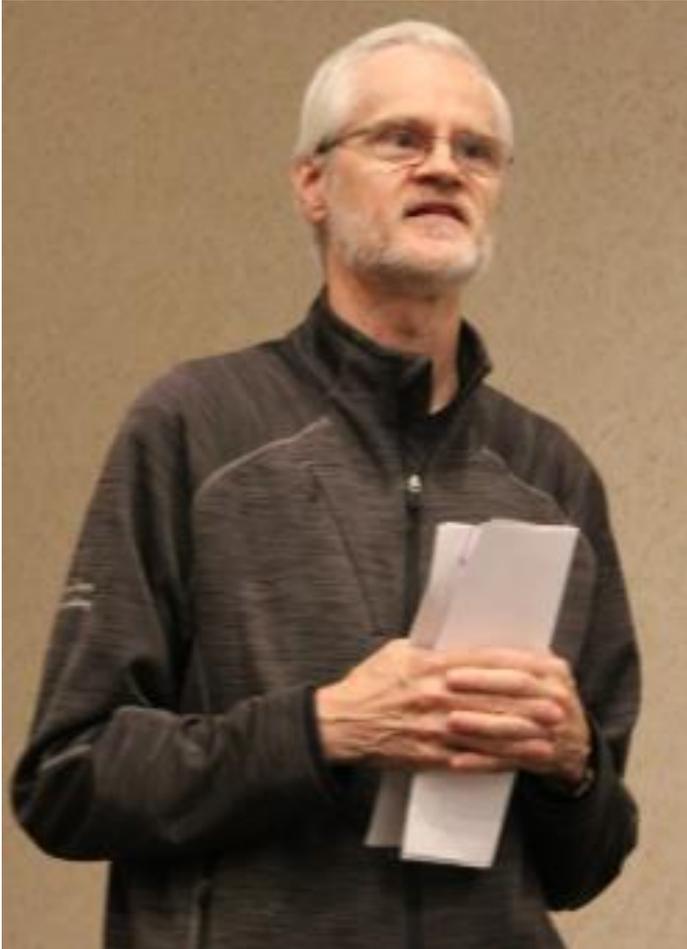
Celebrating birthdays this month
KARL RATZ



Celebrating anniversaries this month
DON & BETSY MORRISON
CLINT & BARBARA KUSCHAK

PRESENTATION:

Tory Tronrud was our special guest today. Most of us would know Tory as the Executive Director of the Thunder Bay Museum but today he talked to us about Tesla and the rapid rise of electric vehicles around the world. He is the proud owner of a Tesla Model 3. This is his second “green car” – his first was a Smart ED that he purchased to drive around town, especially in winter. Tory sold that Smart ED to a young man who was working as a pizza delivery guy in Winnipeg hoping to save big on gas.



Tesla's Model 3



Tesla, Inc. is an American automotive and energy company based in Palo Alto, California. The company specializes in electric car manufacturing and, through its SolarCity subsidiary, solar panel manufacturing. It operates multiple production and assembly plants, notably Gigafactory 1 near Reno, Nevada, and its main vehicle manufacturing facility at Tesla Factory in Fremont, California. As of

March 2019, Tesla sells the Model S, Model X, and Model 3 automobiles. It is accepting reservations for the Model Y, Roadster, and Semi vehicles. Tesla also sells Powerwall, Powerpack, and Megapack batteries, solar panels, solar roof tiles, and some related products.

Tory is relatively new to the e-car market. He has owned his share of gas-powered cars and he is driven many cars over the years including some spiffy “muscle cars” and imports. The Gallery has conducted a lottery for several years offering a fine classic car – Corvette, Mustang, Camaro, etc. He was the one chosen to drive these restored classics from their home to Thunder Bay to the Gallery for each lottery. His first car was a Jaguar.

The Tesla Model 3 is a luxury all-electric four-door sedan (compact executive car manufactured and sold by Tesla, Inc. Following crash testing, it received five stars in every category from the National Highway Traffic Safety Administration and a 94% Euro NCAP score in active safety. The Model 3 Standard Range Plus version delivers an EPA-rated all-electric range of 240 miles (386 km) and the Long Range versions deliver 310 miles (499 km). The Model 3 has a minimalist dashboard with only a center-mounted LCD touchscreen. Tesla stated that the Model 3 carries full self-driving hardware to be optionally enabled at a future date.

Within a week of unveiling the Model 3 in 2016, Tesla revealed they had taken 325,000 reservations for the car. These reservations represented potential sales of over US\$14 billion. By August 2017, there were 455,000 net reservations. Limited production of the Model 3 began in mid-2017, with the first production vehicle rolling off the assembly line on July 7, 2017, with the official launch and delivery of the first 30 cars on July 28. On July 1, 2018, it was announced that Tesla had met its production goal of 5,000 cars in a week.

Total deliveries passed the 100,000-unit milestone in October 2018, and cumulative sales since inception totaled about 198,700 units up to March 2019. The Model 3 topped global sales of plug-in electric cars in 2018, and also listed as the top-selling plug-in passenger car in the U.S. and California. In February 2019, the Model 3 passed the Chevrolet Volt to become the all-time best-selling plug-in electric car in the U.S.

Most of Tory's presentation dealt with misinformation about electric cars and he responded to a variety of typical questions or comments. Many of these generated by competitors in the market employing the FUD Factor – “fear, uncertainty and doubt, usually evoked intentionally in order to put a competitor at a disadvantage”. Here are some of the misconceptions or misunderstandings that Tory countered:

- The range [distance of travel] is too low to be practical
Range is between 300 – 500 km depending on season and how the car is driven

- Charging takes too long and there are not enough charging stations

Charging is best done overnight and there are new superchargers coming on line that reduce charging time significantly – Tesla has its own network of charging stations and the Continental U.S. is covered while Canada is catching up quickly. Best advice is to do some planning to allow for charging time when the car is not being used.

- Electricity cost will go through the roof

Tory's cost to get a full charge is about \$6 so much less than filling up a conventional car with gas

- Batteries make waste and can't be recycled

The batteries designed for e-cars are fully recyclable and may be recharged numerous times

- Can't drive e-cars in our northern winters

These e-cars are good for all seasons though the range may be reduced in periods of extremely cold weather

Tory offered more examples including some that were downright silly. It will take time for people to come to know and understand this new mode of transportation but it is clearly on the rise and all of the other car manufacturers are coming out with their own designs and models to keep up with the coming change.

LUCAS SOCIAL – LOON LAKE:

The annual fellowship social at the Lucas cottage at Loon Lake will take place this Sunday, August 25th. Rotarians are invited to attend with their families and to bring an item for the potluck – an appetizer, salad or dessert. Roy and Jane will provide the main course item for the feast. President Clifford emailed a map to all members via Club Runner and Roy provided a sign-up sheet at today's meeting for those planning to attend to indicate their choice of an appetizer, salad or dessert.



This year's Terry Fox Run shirt is now available. Don Morrison ordered a supply for our Club and for sale at the event – cost is \$20 and there are different sizes. Get your shirt from Don or let him know that you want to reserve some in the sizes you need.

MEMBERSHIP COMMITTEE REPORT:

Membership Service Director Paige Martin, reported on behalf of the Committee. She referred to the latest Organizational Chart and Committee Terms of Reference and asked members to review the commitments they have signed on for. We are asked to confirm the areas of service that we have indicated and to either add new areas of service or delete those that we are not able to fulfill this year.

TERRY FOX RUN – SUNDAY, SEPTEMBER 15, 2019



FELLOWSHIP FINES:

"Fine-master" Graham worked the cup today starting out with compliments to Sandy for doing a great job leading today's meeting. In the interest of time, he scored a fine sweep accepting tribute from all those who have never driven an electric car...and a kiddie car does not qualify. The cup overflowed Sandy was first with a happy dollar for a trip to Nipigon yesterday to meet with the Rotarians of the Nipigon Club. She was also happy to let us know about a little girl who came to the MS office with her gift of \$340 – she did not want gifts for her birthday and instead asked for funds for MS. A selfless act by one so young. Bill was next up with his happy dollar to be living in Canada. As he said, "just watch the news" and you will understand. Donald MacDonald was pleased to report that Scouts registrations begin in a week and a half. Audrey was happy to report that Stirling fixed her wagon. Jennifer was happy to be spending quality time this summer with her grandkids. Allan was happy to report on Maya's progress in Japan. Gail Kromm was very happy to report on progress of construction of the new Salvation Army building.

50/50:

Paul was our happy winner today and his share will be assembled with other weekly donations and forwarded to the Rotary Foundation in December.

NEXT MEETING**THURSDAY, AUGUST 28/19****ANN MAGISKAN – THUNDER BAY ABORIGINAL LIAISON**