

Volume 30 - Issue 2

BC BENZ BULLETIN

May 2021

MBCA BCStars

BRITISH COLUMBIA SECTION



INSIDE:

ENTER our photo competition. Big prize!

EQS - the first electric vehicle in the luxury class

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EDITORIAL

BC Stars Volume 30 - Issue 2 - May 2021

Dare we hope that the end of this pandemic is in sight! I am sure we all certainly hope so. As I write this Spring is definitely upon us, and the weather has made it hard to resist the call to be out on the open roads. But clear skies and (hopefully) open roads look to be not too far in the distance.

Our 2019 Member of the Year story starts on p 15 and be sure to take a look at pages 17-8 for an exciting photo contest, and at page 19 where we outline some of what the club executive is thinking about in terms of upcoming car events.

Last but certainly not least, there is an interesting article from Daimler on the soon to be released EQS - the first fully electric Mercedes-Benz S class. I hope you enjoy reading about these vehicles as much as I have.

Joseph Anthony

EDITORIAL TEAM

Editor: Joseph Anthony

Contributing Editor: Sean Clark

Contributing Editor: Tony Millikin



LET'S GET SOCIAL





Images courtesy of Daimler AG. (C) Daimler AG.



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The 15 biggest innovations The new EQS : the main points at a glance

The EQS is the first all-electric luxury saloon from Mercedes-EQ. With it, Mercedes-EQ is redefining this vehicle segment. The EQS is also the first model to be based on the modular architecture for luxury and executive-class electric vehicles. Fusing technology, design, functionality and connectivity, the EQS delights both drivers and passengers. First models on the market will be the EQS 450+ with 245 kW (electrical consumption NEDC combined: 19.1-16.0 kWh/100 km; CO₂-emissions: 0 g/km) and the EQS 580 4MATIC with 385 kW (electrical consumption NEDC combined: 20.0-16.9 kWh/100 km; CO₂-emissions:

0 g/km). The consumption figures according to WLTP: EQS 450+ electrical consumption combined 20.4-15.7 kWh/100 km, CO₂-emissions 0 g/km; EQS 580 4MATIC electrical consumption combined

21.8-17.4 kWh/100 km, CO₂-emissions 0 g/km.

As part of its **Ambition 2039** initiative, Mercedes-Benz is working on offering a carbon-neutral new car fleet within 20 years from now. By as early as 2030, the company wants more than half the cars it sells to feature electric drive systems - this includes fully electric vehicles and plug-in hybrids. In many areas, Mercedes is already thinking about tomorrow today: the new EQS is designed to be correspondingly sustainable. The vehicles are produced in a carbon-neutral manner, and resource-saving materials such as carpets made from recycled yarn are used. This is because Mercedes-Benz considers the entire value chain, from development and the supplier network to its own production. Mercedes-Benz AG has had its climate protection targets confirmed by the Science Based Targets Initiative (SBTI).

With a great deal of meticulous detail work and on the basis of the Purpose design, the aerodynamicists, in close cooperation with the designers, were able to

achieve a new cd best value of 0.20 . This makes the EQS the **most aerodynamic production car in the world**. The operating range particularly benefits from this. It is also among the best in terms of quiet running. The very low wind noise level contributes significantly to this.

The EQS also currently sets a very good value for **recuperation**: Of the maximum deceleration in the D^{Auto} recuperation program of 5 m/s², up to 3 m/s² is achieved by recuperation (2 m/s² by the wheel brakes). This allows decelerating to a standstill without using the brake pedal, while at the same time the range benefits from this recuperation strategy and the high recuperation power (up to 290 kW). Deceleration is also applied to detected vehicles ahead until they come to a standstill, for example at traffic lights. Intelligent energy recovery is situation-optimised with the aid of ECO Assist and acts with foresight, taking into account traffic conditions or topography, among other things. The driver also can set three energy recovery levels and the coast function via paddle shifters on the steering wheel.

With **ranges up to 770 kilometres (WLTP)** and an **output of up to 385 kW** the powertrain of the EQS also meets every expectation of a progressive saloon in the S-Class segment. A performance version with up to 560 kW is being planned. All EQS models have an electric powertrain (eATS) at the rear axle, while the versions with 4MATIC also have an eATS at the front axle.

The EQS marks the launch of a new **generation of batteries** with significantly higher energy density. The larger of the two batteries has a usable energy content of 107.8 kWh. That is around 26 percent more than the EQC (EQC 400 4MATIC: combined electrical consumption: 21.5-20.1 kWh/100 km; CO₂ emissions: 0 g/km) . The innovative battery management software, developed in-house, allows updates over the air (OTA). In this way, the energy management system remains up to date throughout the life cycle. In terms of the cell chemistry, the cobalt content of the cathodes has been reduced to ten percent.

The EQS can be charged with up to 200 kW at fast charging stations with direct current. Power for up to another 300 kilometres (WLTP) is recharged in just 15 minutes . At home or at public charging stations, the EQS can be conveniently charged with up to 22 kW with AC using the on-board charger. In Japan, **bidirectional charging** with the EQS will also be possible, i.e. charging in both directions. In addition, there are various intelligent charging programs that can be activated automatically depending on the location, and functions such as particularly battery-saving charging.

By means of high-quality certificates of origin, Mercedes-Benz guarantees that energy from renewable energy sources is fed into the grid for charging current sourced via **Mercedes me Charge**. This so-called Green Charging has been an integral part of Mercedes me Charge since 2021. But Mercedes me Charge can do even more: drive to the appropriate charging station , open the flap, plug in and the current starts flowing: this is how easy the







charging process is with the EQS, thanks to Plug & Charge. Other highlights include the densest network of charging points, with more than 500,000 of them in 31 countries, including over 200,000 in Europe. With IONITY Unlimited, all European Mercedes me Charge customers can use the fast charging network free of charge for one year.

Navigation with Electric Intelligence plans the fastest and most convenient route, including charging stops, based on numerous factors and reacts dynamically to traffic jams or a change in driving style, for example. A new feature of the EQS is a visualisation in the infotainment system (MBUX Mercedes-Benz User Experience) showing whether the available battery capacity is sufficient to return to the starting point without charging. Charging stations along the route that have been added manually are given preference in the route calculation. Proposed charging stations can be excluded. The estimated charging costs per charging stop are calculated.

Although the EQS is a close relative of the new

S-Class, it is built on an all-electric architecture. This completely new concept made a rigorous **Purpose Design** possible: with its one-bow lines and cab-forward design with fastback, the EQS is clearly distinguishable from vehicles with combustion engines even at first glance. The design philosophy of Sensual Purity, combined with Progressive Luxury, is reflected in generously sculpted surfaces, reduced joints and seamless transitions (seamless design).

The front is combined into a **'Black Panel' unit**. Innovative headlights connected by a light band and the deep black radiator grille (Black Panel) form the distinctive face. The exclusive look of the Black Panel radiator grille with central Mercedes star can be enhanced still further: as an optional extra, they are also available with a three-dimensional star pattern. This so-called Mercedes-Benz pattern is available in conjunction with AMG Line Exterior or Electric Art Exterior. The design picks up on the original star of the Daimler-Motorenengesellschaft, which was registered as a trademark in 1911.

Continued on page 11



MERCEDES-BENZ CLUB OF AMERICA, INC.

2021 MBCA National Election

June 9, 2021

To: All 2021 MBCA DAL & RD Candidates, Section Presidents, Newsletter Editors, MBCA National Board Members
From: Gene Jurick, 2021 MBCA Election Chair

The following MBCA Members have been certified as candidates in the MBCA 2021 election:

Directors at Large (3 to be elected):

Regional Directors (Odd Numbered Regions - 5 to be elected):

Listed alphabetically:

Jason Burton
Douglas Geganto
Brett Jurick
Cliff Reyle
James Roberts

Listed by Region:

Drew Webb
Andrew Opicka
Steve Dierks
Jeff Shindler
Ken Koehler
No Candidate

(1) Northeast Region
(3) Midwest Region
(5) Rocky Mountain Region
(7) Northwest Region
(9) Central
(11) Western Region

Notice has been received of the upcoming MBCA National Election.

Important dates: Email and postal notification will be sent to members around **September 1st**. Ballots must be received by **October 15th**. For further information, please see the club website mbca.org



Ready for the road! Photo: Sean Clark



The EQS is the first Mercedes to offer the option of activating completely new vehicle functions via **over-the-air updates (OTA)** in many functional areas. Available from launch: two special driving programs for young drivers and service staff, some little games and the demo program "The Best or Nothing". This means that, following the purchase and the initial new-car configuration, some of the features of the EQS can be adapted according to personal preferences. It will also be possible to unlock the rear axle steering with the larger steering angle of ten degrees. In addition to the classic purchase of individual functions, subscriptions, temporary activations and free test phases are also planned.

With ENERGIZING AIR CONTROL PLUS, Mercedes-Benz is taking a comprehensive approach to air quality in the EQS. The system is based on filtration, sensors, a display concept and air conditioning. The HEPA (High Efficiency Particulate Air) filter has a very high filtration level that enables it to trap fine particles, micro-particles, pollen and other substances that enter with the outside air. Sulphur dioxide, nitrogen oxides and odours are also reduced thanks to an activated charcoal coating. The HEPA

filter has the "OFI CERT" ZG 250-1 certification in the area of viruses and bacteria. Using pre-entriyclimate control, it is also possible to clean the interior air before getting into the vehicle. The particulate levels outside and inside the vehicle are also displayed in MBUX. They can be viewed in detail in the dedicated Air Quality menu. If the quality of the outside air is low, the system can also recommend closing the side windows or the sliding sunroof.

As an option, the EQS has **automatic comfort doors** at the front and rear. When the driver approaches the car, first of all the door handles extend. As he or she approaches further, the driver's door opens automatically. Using MBUX, the driver is also able to open the rear doors, for example, to let in children in front of the school.

As an exceptionally intelligent vehicle, the EQS has up to 350 sensors, depending on the equipment. These record distances, speeds and accelerations, lighting conditions, precipitation and temperatures, seat occupancy as well as the driver's blink of an eye or the passengers' speech. This wealth of information is processed by control units that, controlled by

algorithms, make decisions at lightning speed. So they are the brain, so to speak. The new EQS can expand its capabilities based on new experiences, because it is highly capable of learning thanks to artificial intelligence (AI).

The all-round sound experience in the EQS also makes the paradigm shift from a conventional to an electric car audible. A variety of soundscapes allows for an individual acoustic set-up. In combination with the Burmester® surround sound system, the EQS features the two soundscapes Silver Waves and Vivid Flux. As **Sound Experiences** they can be selected or switched off on the central display. Another soundscape can be unlocked using over-the-air technology. The interactive driving sound, which is reproduced via the sound system's loudspeakers in the interior, also moves within the respective sound world.

New to **ENERGIZING COMFORT** are the three **ENERGIZING NATURE** programs Forest Glade, Sound of the Sea and Summer Rain. These provide an immersive and impressively realistic on-board sound experience. These calming sounds were created in consultation with the acoustic ecologist Gordon Hempton. As with the other programs that form part of **ENERGIZING Comfort**, lighting moods and images are used to address other senses.

The **standard rear-axle steering** with a steering angle of up to 4.5 degrees contributes to the handy and dynamic impression of the EQS. Alternatively, rear-axle steering with a steering angle of up to ten degrees can be ordered or subsequently activated by an upgrade over the air (OTA). This enables a turning circle of 10.9 metres for the EQS, which is over five metres long. This corresponds to the turning circle of many models in the compact class. The respective rear-axle angles and trajectories are shown in the driving mode menu in the central display.

Thanks to powerful sensors that monitor the vehicle's surroundings, the **parking systems** can

help the driver with manoeuvring in many areas. The driver can park and unpark the car via smartphone using Remote Parking Assist. With the pre-installation for the **INTELLIGENT PARK PILOT**, the EQS is prepared for Automated Valet Parking (AVP, SAE level 4). If equipped with the required optional extra and the corresponding Connect service (depending on the country), the vehicle has the technology on board to park and unpark fully automatically and without the driver in car parks equipped with AVP infrastructure, provided that national laws allow such operation.

The revolutionary **DIGITAL LIGHT** headlamp technology (standard from Advanced Plus equipment level) enables guide markings or warning symbols to be projected onto the road. New are the two assistance functions that display the start of the cooperative lane change and provide a warning/direction instruction if Lane Keeping Assist or Blind Spot Assist detect a hazard. **DIGITAL LIGHT** has a light module with three extremely powerful LEDs in each headlamp, whose light is refracted and directed by 1.3 million micro-mirrors. The resolution is therefore more than 2.6 million pixels per vehicle.

With the optional **DRIVE PILOT**, the EQS will be able to drive in conditionally automated mode at up to 60 km/h where traffic density is high or in tailbacks on suitable motorway sections, initially in Germany. By relieving the pressure on the driver, the system enables him or her to undertake secondary activities such as browsing on the internet or dealing with emails in the In-Car Office, and so gain extra time.

The **MBUX Hyperscreen** is the absolute highlight in the interior. This large, curved screen unit sweeps almost from A-pillar to A-pillar. Three screens sit under a cover glass and appear to merge into one. The 12.3-inch OLED display for the front passenger gives him or her their own display and control area. The entertainment functions are only available there while the car is being driven in accordance with the country-specific legal regulations. Mercedes-EQ relies on an intelligent, camera-based locking logic: if the camera detects that the driver is looking at the



front passenger display, it is automatically dimmed.

With adaptive software, MBUX adapts completely to its user and makes personalised suggestions for numerous infotainment, comfort and vehicle functions. With the **zero layer**, the most important applications are always offered on the top level within the field of vision, according to situation and context.

The latest generation of **driver assistance systems** includes numerous driver support functions. New, for example, is the additional microsleep warning from ATTENTION ASSIST. It analyses the driver's eyelid movements through a camera on the driver's display (only in conjunction with MBUX Hyperscreen). The assistance display within the driver's display shows the operation of the driving assistance systems in a comprehensible full-screen view.

The principles of **Integral Safety**, in particular accident safety, apply regardless of the platform. Like all other Mercedes, the EQS therefore features a rigid passenger cell, special deformation zones and state-of-the-art restraint systems. PRE-SAFE® is standard. The fact that the EQS is based on an all-electric architecture also opened up new design possibilities for its safety concept. It meant, for example, that a

favourable location could be chosen for the installation of the battery, in a crash-protected area in the underbody. And because there is no large engine block on board, the behaviour in a frontal crash could be modelled even better. In addition to the standard crash tests, the car's performance in various additional load situations was verified and extensive component tests carried out at the Vehicle Safety Technology Centre (TFS). 

Further information about Mercedes-Benz is available at www.mercedes-benz.com.



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Have your Mercedes-Benz collision repairs performed to factory standards at our **Certified Mercedes-Benz Body Shop.**

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British Columbia Section - 2019 Member of the Year Award

Report by Vice-President Tony Millikin



Each club or section has its own unique way of presenting its different awards. Sometimes they happen at shows or AGM's or annual dinners. For us at BC Stars our "Member of the Year" award is always traditionally presented at our Annual dinner held in January. Plans in 2020 were no different, however we ran into a little snag. The honoured recipient would not be able to attend!

So we went ahead and announced at the dinner that member David Cooper had won the award for 2019 but was unable to attend. We let David know he had won the award and it seemed like a great plan to have someone deliver it to him at a convenient date in the future.

Then the world as we all know/knew it fell into tatters. World Pandemic. Shifting fears and meet-up regulations, work from home and zoom became the new normal and the world, as best it could, carried on.

There were so many things we could no longer do...

Meet on a Saturday morning and go for a drive. Stand around with a cup o' jo and tell stories of times gone by, or new solutions found to an ailing problem with a door that won't lock right, or a way to properly setup the new carbs you were trying to install on your precious.

And the things we just could not schedule...

Our show and shine, and car meets were cancelled by the cities we love to gather in.

Our annual food bank support event with the other German car clubs could not go ahead.

An après-drive with a few friends - cancelled because you just could not find a safe place to go.

Our leadership locally struggled with this new reality and everyone faced so many new challenges. For my part we had a full swing move planned to a new city to be closer to our children and grandchildren. Rita got a job offer early in the transition and was up in Kelowna for almost a year before I was able to finish



2019 Member of the Year, David Cooper, at an earlier club event with his R107.

the work on the house and get it listed and sold.

As it turned out dust also settled on an award that was slowly getting buried on a desk waiting for delivery.

When it was brought to our attention, we gathered the award, dusted it off and had our past president Sean Clark schedule a “socially distant” meet to ensure this error was rectified. We thought of getting all the executive together however the next “wave” was upon us, and a group meeting was no longer possible.

Below is a quick blurb from Past President Sean Clark on meeting up with David to officially hand over the award.

“It was a cool Spring day. I met Dave on a Sunday morning in the Park by Port Coquitlam City Hall. I had just parked my 560SL when a beautiful yellow 450SL pulled into view. David Cooper had arrived for the presentation of his Member of the Year award. We had a good, socially-distant chat about COVID and the affairs of the Club going forward.

We could not entrust the picture-taking to a stranger during COVID, and a “selfie” was out of the question, for the same reason. I was pleased to be able to present the Club’s appreciation award to Dave.

We look forward to the year ahead and ‘events after Covid’”.

David thank you for your patience, and for the energy you bring to the club!

And Sean, thanks for dusting off the award and presenting it to our worthy recipient. 



2019 Member of the Year, David Cooper, receives his award from Sean Clark (photographer) during the third wave of the pandemic.

Welcome New Members

The BC Stars Section warmly welcomes the following new members to our club:

- Sarah Katherine Denny - Langley, BC
- Skylar Stock - Vancouver, BC
- Jiachen Li - Vancouver, BC
- Mitchel Erickson - Nome, Alaska

Mercedes-Benz Club of America
British Columbia Section
presents



Be
waking



POST-COVID DRIVES

PHOTO
CONTEST



Be sure to enter the Club's photo competition. Details of how to enter are on page 18.

The competition prize is a Weber Outdoor Gas Grill, kindly donated by our friends at **Curtis Tire and Wheel in Abbotsford.**

Credits:

- Photo and car – Bobby Izat
- Graphics Design – Elton, at studio306design inc.
- Prize Sponsor – Curtis Tire and Wheel



Photo Contest - Entry Rules

It's been a long hard Covid-winter since we were last able to drive freely, in nice weather.

Our Members are all looking forward to regular car drives and events. Many of you have bought a new MB over the past year or have been adding loving touches to your favourite classic. Our cars are now emerging from their slumbers.

Casual drives and events are springing up, with more to come.

With this in mind, our Newsletter Staff invite you to enter our fun, The Wakening photo contest. Share your seasonal preparation of your car or some first drives, in our almost post-Covid Spring. We want to see you and your cars at their best, enjoying yourselves.

Prize:

Best Photo will receive a magnificent prize, a Weber BBQ, from Michelin sponsor, Curtis Tire and Wheel.

Guidelines:

- A photo of your own car
 - Photo is a current 2021 scene
 - One photo per household – please give us your very best one!
 - In digital format - jpeg, png, or gif only. Minimum 1.2 megapixels. 1280 x 960 pixels image size. Can be portrait or landscape orientation.
- Photos will be judged by Visual Appeal, and 'Awakening' theme.

Deadline:

Email submissions to Benzflyer107@gmail.com

All submissions must be in by end of day, July 15th. Get started right away!! We're really encouraging you to start having fun with your Mercedes!



The advertisement features a blue background. On the left, the Michelin Man (Bibendum) is shown in a white, cartoonish style, pointing towards the right. In the center, there are several tires displayed on wheels, including a prominent AMG tire. On the right, there is a large sign for 'Curtis Tire & Wheel' with a blue and white logo. Below the main sign, there are smaller signs for 'MICHELIN', 'BF Goodrich Tires', 'UNIROYAL', and 'ALLIANCE TIRE PROFESSIONALS'. At the bottom right, the address '2679 WARE STREET ABBOTSFORD, BC' and phone number '(604) 853-1012' are listed. A yellow banner at the bottom contains the text 'Proud sponsor of MBCA's BC Stars Section'. Below the banner, it says 'Curtis Tire & Wheel is your complete automotive service center. See us for new tires, wheels & automotive maintenance.'

UPCOMING EVENTS

(Yes, we really are planning some!)

Your club executive is busy planning three events. The preliminary details are below. Please note that whether we are able to run these events or not will depend on the guidance given by the Provincial Health Officer at the planned time of the events. Check the [club website](#) for the most up-to-date information on these events.

Event 1

After July 1st (Step 3 of BC's Restart plan)

Langley Circle Tour

This half-day event will involve a circle drive in Langley, visiting a couple of wineries, a berry farm and lunch together at a fine restaurant. Date to be finalized. Please check the club website for updated details. Participants will be required to pre-register and pay for lunch in advance to allow the restaurant to plan.

Event 2

After September 7th (Step 4 of BC's Restart plan)

Annual Show & Shine

This is the club's premier annual event. Come and join us for a fine display of post-war Mercedes-Benz vehicles. Location is being negotiated. Date to be finalized. Please check the club website for updated details.

Event 3

After September 7th (Step 4 of BC's Restart plan)

Okanagan Driving Tour

This multi-day event will involve a club driving tour of the Okanagan. No doubt we will stop at a few wineries, but this is not a wine tour. We will enjoy a social time together, sharing meals and the scenery, including a club dinner at a fine restaurant.

Participants will be required to pre-register and pay for dinner in advance to allow the restaurant to plan.

CLASSIFIED ADVERTISEMENT



Original Maristar "Pentas".

Set of 4 pcs. Used, very minor blemishes.

Originally purchased for Mercedes 380 SEC.

16" x 8J ET 11

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Refinished by Green's, in boxes.

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Spring is here!
MBCA member Sean Clark's R107
enjoys being out in the Spring weather.

BC STARS EXECUTIVE

Interim President: Tony Millikin

Vice President: vacant

Secretary: Manfred Stenzel

Treasurer: Gary Pullyblank

Member at Large: Sean Clark

Newsletter Editor: Joseph Anthony

Club Historian: Marie Stenzel

Webmaster: Mark Block

Alaskan Officer: John Fouse

PNW Regional Director: Jeff Shindler

