



Greater El Paso
Section
The Global Voice of Quality™

Amigo

Quality

Volume 40 Number 10

Welcome to the July 2020 issue of the Newsletter, your local provider of information and learning opportunities related to quality professionals.

To comply with COVID-19 social distancing requirements and to protect the health of our members guests and presenters the section is holding general membership meetings on ZOOM – see information below for sign on and telephone access.

General Membership Meeting

DATE:	Wednesday, July 15, 2020
SPEAKER:	Mike Carnell, Partner of Black Swan Response
TOPIC:	Break from Routine
Speaker's Article in Quality Progress:	http://asq.org/quality-progress/2018/02/six-sigma-solutions/break-from-routine.html
SCHEDULED TIME:	Zoom meeting begins 6:00 pm w informal discussions – Formal meeting starts 6:30 PM Mountain Time
LOCATION:	Zoom Meeting
WHO:	All members and guests are invited
COST:	Free

ASQ Section 1401 is inviting you to a scheduled Zoom meeting.

Topic: ASQ Section 1401 **General Membership Meeting**

Time: July 15, 2020 06:00 PM Mountain Time (US and Canada) The Zoom Meeting will start at 6:00 pm and the formal meeting will start at 6:30 pm Mountain Time (US and Canada).

Join Zoom Meeting

<https://zoom.us/j/98707307646?pwd=Wjl1WDVKbno1UTZnY2FwUEQ0cTJZQT09>

Meeting ID: 987 0730 7646 Password: 585975

One tap mobile +13462487799,,98707307646#,,1#,585975# US (Houston)

Dial +1 346 248 7799 US (Houston)

Meeting ID: 987 0730 7646 Password: 585975

Leadership Committee Meeting

DATE:	Wednesday, August 5, 2020
SCHEDULED TIME:	5:00 PM to 6:30 PM
LOCATION:	Zoom Meeting (SEE DETAILS BELOW)
WHO:	All members are welcome to attend and participate in section management
COST:	Free

ASQ Section 1401 is inviting you to a scheduled Zoom meeting.

Topic: ASQ Section 1401 **Leadership Committee Meeting**

Time: August 5, 2020 05:00 PM Mountain Time (US and Canada)

Join Zoom Meeting

<https://zoom.us/j/99636529567?pwd=S252ZUorcXcxMXhDYUVPTUxTTENxZz09>

Meeting ID: 996 3652 9567

Password: 815989

One tap mobile

+13462487799,,99636529567#,,1#,815989# US (Houston)

+16699009128,,99636529567#,,1#,815989# US (San Jose)

Dial by your location

+1 346 248 7799 US (Houston)

+1 669 900 9128 US (San Jose)

Meeting ID: 996 3652 9567

Password: 815989

THE CHAIR SPEAKS
EVARISTO CAMPOS-TORRES

Hello, Fellow Quality Professionals!

I hope everyone is well and healthy.

Last month we had an excellent speaker, Mr. Forrest Breyfogle, CEO of Smarter Solutions, Inc. He opened his presentation by eloquently explaining Dr. Edward Deming's Red Bead Experiment, which demonstrates how "willing workers" have less control over their performance than the actual systems within they are working. Then he talked about Integrated Enterprise Excellence (IEE), which is a system that allows an organization to align its objectives from high-level financial goals, which he calls satellite level, to metrics at a process level. This ensures that metrics and goals have a purpose and are in support of the organization's objectives. In addition, IEE helps to analyze processes to avoid over reaction when an unsatisfactory result is achieved. For more information, please watch the video posted in our website ASQ1401.org



Here is Forrest Breyfogle showing the ASQ appreciation award he received from our local section.

Thank you to all of you who had the opportunity to join us.

This month we will have the pleasure of having Mr. Mike Carnell, Partner of Black Swan Response, who will talk about an interesting article he wrote in 2018 for the Quality Progress magazine, "Break from Routine". It is available clicking the link below:

<http://asq.org/quality-progress/2018/02/six-sigma-solutions/break-from-routine.html>

I hope you can join us!

Please stay safe and healthy.

Best regards,

Evaristo Campos-Torres

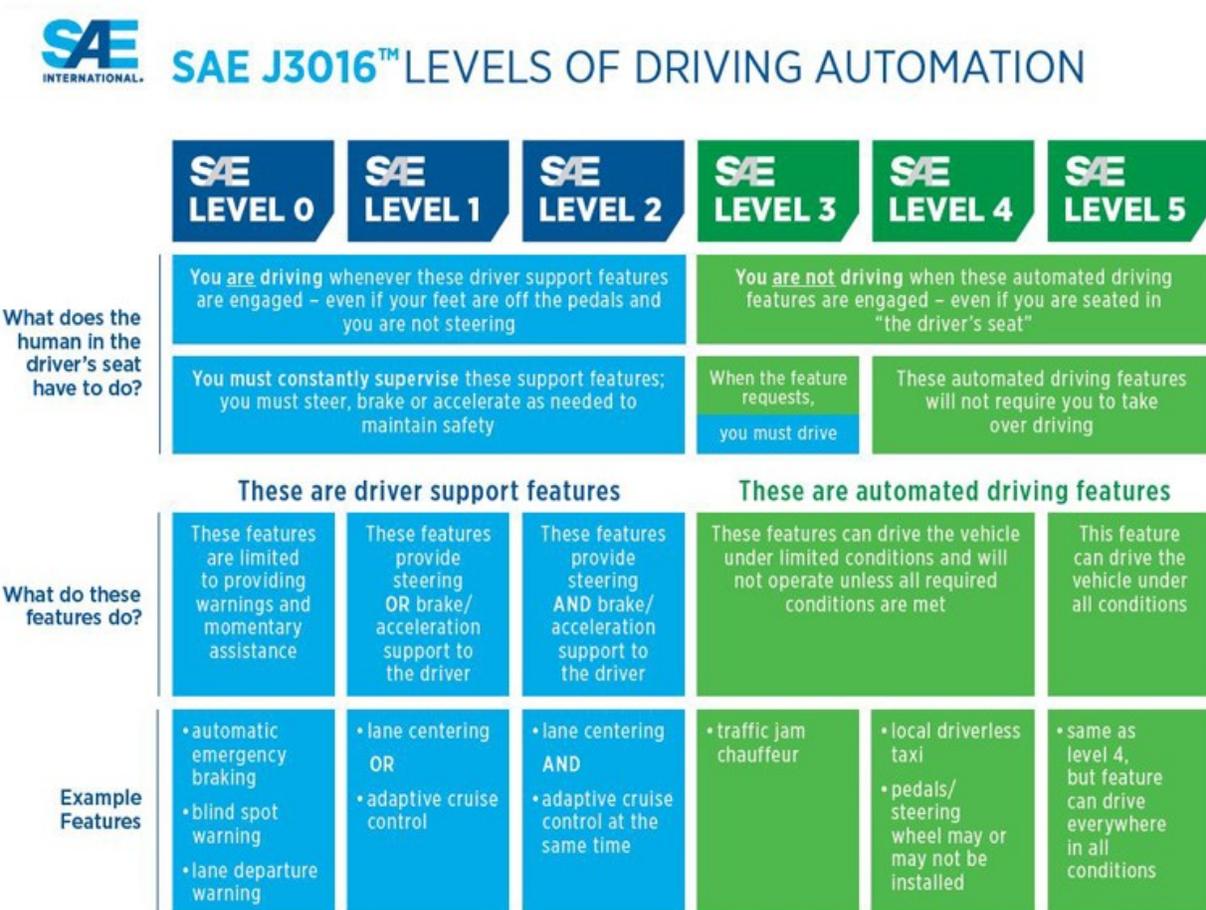
Chair, ASQ Greater El Paso Section 1401

AUTOMOTIVE SECTION

HECTOR LUGO

Thank you to all the participants in this exciting section and the winner for this month is the following article: As the automotive industry rapidly evolves its autonomous-driving capabilities, some interesting trends are emerging that help propel the electronics and sensor technologies to enable full self-driving functionality.

The autonomous world generally refers to the SAE international J3016 diagram (*see figure below*) when looking at the autonomous capabilities of vehicles and then establishing a level of autonomy for that vehicle.



A trend we're seeing is that production vehicles now include more sophisticated advanced driver-assistance system (ADAS) functionality (SAE level 1/2) as standard equipment. In addition, some SAE level 3 features (such as automated driving functions) are starting to become available, leading to blurring of the levels and the use of new level descriptors such as level 2+.

The other trend in autonomy is around the mobility-as-a-service companies (such as ride-hailing, last-mile delivery, and shuttles) that are creating technology to enable fully driverless vehicles (SAE level 5). However, as most of them will actually operate in a specific Operational Design Domain (ODD) that will have restricted usage patterns such as specific speeds, routes, and weather conditions, they're not level 5 as to the letter of the SAE law. Instead, they're classified as level 4, even though they're fully self-driving.

We are continue to see more sensors for future autonomy, so while sensors that provide adequate resolution in real time with no errors or latency would be very welcome additions, and cameras do come close, but they will not be sufficient to maintain the driver focus of attention . because distractions are the big profit items. So somehow keeping the driver focused on driving will not ever be a primary goal.

See you at the virtual meeting!

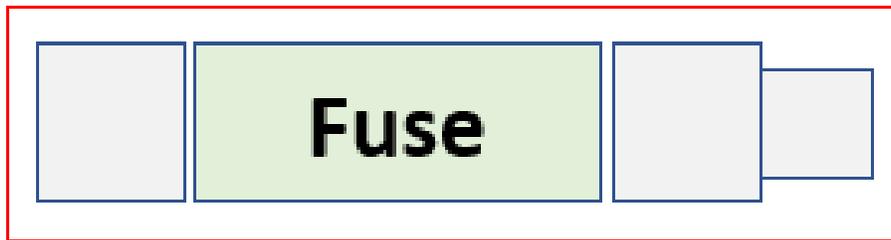
MANAGEMENT SYSTEMS

Alfonso Enriquez

If you do not like failure try Success

If you do not like FMEA try SET (Success Every Time)

Casey¹ recommends for you to get familiar with error-proof in common objects such as the thread in the cap of a soda bottle. My dryer recently stopped working, I replaced the fuse, you know that from the electrical point of view it does not matter which side of the fuse is connected to which terminal, but it turns out that there is an orientation for the fuse, which prevents from installing a different type of fuse.



When we learned to ride a bicycle, the one or two extra small wheels on the sides of the bicycle assured we have a good bicycle ride experience².

Some of the steps in SET are:

List all the operations required to make a product

List all the activities performed at each operation that must go right.

Define the ideal target(s) for each activity.

Detail the key identifying feature(s) on each part.

Identify an error-proofing device for each activity

I find that this is related to TWI Job instruction as follows: the operations are the important steps; the activities are the key points. SET offers a guide to find the activities or key points: Select, Orient, place and Value added. SET goes beyond TWI instruction, by defining a target for the key point and developing an error proofing device for the key point.

1. Casey, J.J. "Success every time as a way of doing business", ASQ Lean Enterprise Division Newsletter, May 2017, vol1 1, no. 1,
http://www.asqled.org/uploads/5/0/4/3/50437315/may_2017.pdf
2. Casey, J.J. "Strategic Error Proofing", Productivity Press 2008

RE-CERTIFYING AND ASQ CERTIFICATIONS

STEVEN SCHAFER

Out of a total of 9-member(s) whose certifications expired June 2019, 1 lost their certifications since not re-certify by the end of December 2019, 0-member(s) re-certifications are being processed and 8 member(s) completed their re-certifications.

Out of a total of 12-member(s) whose certifications will expire December 2019, 2 will lose their certifications if they do not re-certify by the end of June 2020, 0-member(s) re-certifications are being processed and 10 member(s) completed their re-certifications.

Out of a total of 9-member(s) whose certifications expired June 2020, 9 will lose their certifications if they do not re-certify by the end of December 2020, 0-member(s) re-certifications are being processed and 0 member(s) completed their re-certifications.

Members can re-certify early! As long as you have enough points you can re-certify as early as six months before your certification expires. Your Certifications will be extended 3 years beyond the certification expiration date you currently have for your certification, so you don't lose anything by re-certifying early. Remember, you can only claim points that you have accumulated up to the time you submit and these points need to be collected during your 3 year certification period. Out of a total of 5-member(s) whose certifications will expire December 2020, 5 will lose their certifications if they do not re-certify by the end of June 2021, 0-member(s) re-certifications are being processed and 0 member(s) completed their re-certifications.

If anyone has questions on how to re-certify to extend their ASQ Certifications and/or how to synchronize them if they have more than one, please let me know. Re-certifying by exam costs more and is a lot more difficult than re-certifying through the accumulation of RU points. You can reach me, the Re-Certification Chair, at 915-241-4780 or (501) 615-8170. Please leave a message on the answering machine if no one answers and I will call back you as soon as I can. You can also reach me via the Internet at spikeguate@sbcglobal.net. I am ready to help with any questions you might have about Re-Certifying or about any ASQ Certifications you might have, call me. The Re-Certification Journal is at the following link and will guide you in the re-certification process <https://asq.org/cert/recertification>

When re-certifying, **always get the most recent Re-certification Journal information.** The lasted Re-Certification Journal is November 2018. For ASQ members the fee for one certification is \$69.00 and for two or more \$89.00; for non-members the fee for one \$109.00 and for two or more \$109.00 each).

Projected Events

Month	Date	Day	Event	Location
July	15	Wednesday	General Membership Meeting	ZOOM ONLINE MEETING
August	5	Wednesday	LC Meeting	ZOOM ONLINE MEETING
August	19	Wednesday	General Membership Meeting	ZOOM ONLINE MEETING
September	2	Wednesday	LC Meeting	ZOOM ONLINE MEETING
September	16	Wednesday	General Membership Meeting	ZOOM ONLINE MEETING
October	7	Wednesday	LC Meeting	ZOOM ONLINE MEETING
October	21	Wednesday	General Membership Meeting	ZOOM ONLINE MEETING
November	4	Wednesday	LC Meeting	ZOOM ONLINE MEETING
November	18	Wednesday	General Membership Meeting	ZOOM ONLINE MEETING
December	2	Wednesday	LC Meeting	ZOOM ONLINE MEETING
December	16	Wednesday	General Membership Meeting	ZOOM ONLINE MEETING

2020 Officers/Committee Chairs

Chair: Evaristo Campos-Torres Work Phone: (915) 860-6287 Cell Phone: (915) 929-3142 e-Mail: evaristo.campostorre@dish.com	Vice-Chair – Hector Lugo Phone: (915) 208-2502 Home Phone: (915) 581-8091 e-Mail: h7teter@hotmail.com
Treasurer: Keith Fong Home Phone: (915) 351-7535 Work Phone: (915) 612-7147 e-Mail: fongk@asme.org	Auditing Chair, Newsletter Chair: Jack Vaughn Home Phone: (915) 594-6662 Cell Phone: (915) 549-2014 e-Mail: jvaughn@utep.edu
Secretary: Morris Hendricks Phone: (419) 769-0121 e-Mail: Morrishe@aol.com	Alt Recert Chair Internet Liaison: Jack Vaughn Home Phone: (915) 594-6662 Cell Phone: (915) 549-2014 e-Mail: jvaughn@utep.edu
Immediate Past Chair: Sergio R. Vega Work Phone: (915) 860-6257 Cell Phone: (915) 276-1130 e-Mail: sergio.vega@dish.com	Refresher Classes/Workshops Chair: Hector Lugo Phone: (915) 208-2502 Home Phone: (915) 581-8091 e-Mail: h7teter@hotmail.com
Membership Chair: Morris Hendricks Phone: (419) 769-0121 e-Mail: Morrishe@aol.com	Recertification Chair: Steven Schafer Home Phone: (915) 241-4780 e-Mail: spikeguate@sbcglobal.net
Publicity Chair: Morris Hendricks Phone: (419) 769-0121 e-Mail: Morrishe@aol.com	Nominations Chair: Angel Urbina Work Phone: (915) 231-7765 e-Mail: angel.urbina@toro.com
Education: Alfonso Enriquez Work Phone (915) 231-4571 e-Mail: alfonso.enriquez@att.net	<p style="text-align: center;">Business Student Section: Vacant Cell Phone: e-Mail:</p>
	<p style="text-align: center;">Partners In Education: Vacant Cell Phone: e-Mail:</p>