

October is Energy Awareness Month Hawaii Green Business Program

Having recognized some of Hawaii's largest companies for becoming more energy efficient and sustainable in their operations, the Hawaii Green Business Program (HGBP) has launched a new initiative encouraging smaller restaurant and food service companies to go green.

The new "HGBP 10-Entry Level" program offers businesses 10 simple actions they can take to become more sustainable while improving their bottom line. Businesses that successfully complete the entry level checklist are encouraged to take the next step and participate in the more rigorous, flagship HGBP program.

HGBP, now in its 17th year, is a partnership among Hawaii's Department of Business, Economic Development, and Tourism (DBEDT); Hawaii Department of Health; Chamber of Commerce of Hawaii; and Honolulu Board of Water Supply. DBEDT participates in the program through its Hawaii State Energy Office (HSEO) division.

Businesses that qualify for HGBP recognition receive a certificate, plaque and window decal they can display to demonstrate to their customers and guests their compliance and commitment to the environment. Other benefits include attracting environmentally conscious clientele, establishing a positive relationship with regulators, providing a healthier workplace, motivating and recognizing employees' environmental efforts, and receiving free onsite compliance assistance.

"Participating in the Hawaii Green Business Program is a great way for businesses to market, advertise and increase their competitive advantage while enhancing their overall productivity. We understand the challenges associated with implementing sustainable practices in a small-business environment. Therefore, in an effort to make the program more accessible we are implementing this 10-Entry Level program to help those smaller businesses get started," said Carilyn Shon, HSEO administrator.

A summary of entry-level checklist items:

- 1) Purchase locally sourced products.
- 2) Monitor consumption to gauge food waste.
- 3) Create partnerships with local farms and businesses for composting or product pick-up.
- 4) Switch to biodegradable and/or compostable to-go utensils and packaging.
- 5) Purchase paper products with at least 30 percent recyclable content.
- 6) Switch to environmentally friendly cleaning

supplies.

- 7) Ask suppliers about ecofriendly and Fair Trade product options.
- 8) Provide clear sorting for recycling.
- 9) Switch to LED light bulbs.
- 10) Monitor water management.

(For a full checklist, go to: greenbusiness.hawaii.gov/10-entry-level/)

Since some checklist actions, such as recycling and food donations, may be challenging for small businesses, HGBP suggests participants consider partnering with other nearby restaurants and businesses to reduce collection, systems, and other related costs.

When launched in 2002, the HGBP initially focused on resorts & hotels due to the large number of visitors in Hawaii and the potential for significant resource reduction through conservation. The program expanded to include office and retail establishments in 2009, restaurant and food service facilities in 2010, green events in 2012, grocery stores in 2015 and venues in 2016.

Hawaii's commitment to conservation and sustainable development was recognized by the International Union for Conservation of Nature (IUCN) Council, which selected Honolulu as the venue for the 2016 IUCN World Conservation Congress. It was the first time the World Conservation Congress was held in the United States.

To date, a total of 121 businesses and organizations have been recognized by HGBP, some multiple times. The efforts of participating HGBP programs have resulted in the following savings:

- 22.7 million kilowatt hours of electricity (enough to power 3,531 homes for one year).
- 203.2 million gallons of water.
- \$6.4 million in electricity costs

For more information on the HGBP see: <http://greenbusiness.hawaii.gov>

NEXT ASME-HAWAII PROFESSIONAL MEMBERSHIP MEETING

Date: To Be Determined

Time: from 5:30 pm to 6:45 pm

Place: Johnson Controls, 420 Waiakamilo Road (map and parking instructions found on the Hawaii Section website)

Agenda: A copy of the agenda will be on the Section website.

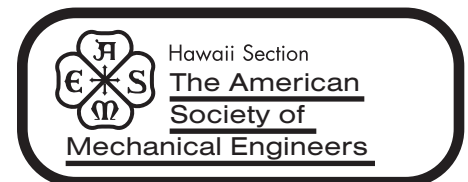
As usual, all members and guests are invited and encouraged to attend our meetings. There are always lots of complimentary refreshments. Please contact Chairman Froilan Garma for directions and for more information, such as parking.

2018-2019 ASME STUDENT SECTION OFFICERS

Welcome to new Student Section President Chris Li. She is supported by Vice President Michelle Reed, Treasurer Wyman Tong, and Secretary Irene Tsang. The rest of the supporting team includes Financial Chair Lee Danielle Young, Events Chair Candice Sarangay, External Events Chair Amber Labios, Historian Geoffrey Garcia, and Webmaster Arleth Tolentino.

UHM DEPARTMENT OF MECHANICAL ENGINEERING (DME) ASME ADVISER

Dr. A. Zachary Trimble reports that he is no longer the ASME Student Adviser. This is sad news for the Senior Section, ASME Hawaii. Dr. Trimble has been instrumental in establishing a closer and stronger relationship between Student and Senior Sections, the future and the present, which has been the most active this writer has seen in his 29 years with ASME-HI. We have shared meetings, tours and other social events. Dr. Trimble has helped continue the ASME-HI's Francis Rhodes Montgomery Design Competition coordinating student participants and Senior Section organizers, improving judging and scoring. At this time the Senior Section does not know who will take Dr. Trimble's ASME Advisor role and if the DME will continue the close ties that Dr. Trimble established.



www.asme-hi.com

ASME-HI 2017-2018 Officers

Chairperson	Froilan Garma	321-2691
	Froilan.B.Garma@jci.com	
Vice-Chair	Derick Kam	
	derickFPE@gmail.com	
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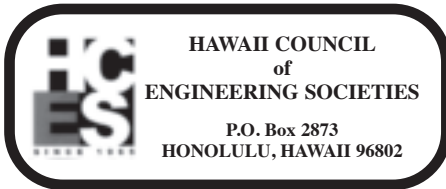
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WILIKI MAILING LIST

Additions and/or corrections to the Wiliki mailing list should indicate the proper society, institution or association. Corrections to email addresses should be submitted to your society coordinator.



HOME PAGE: hceshawaii.org
EMAIL: hcesorg@gmail.com

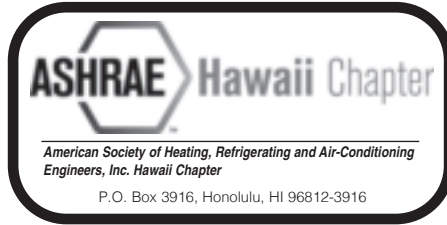
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Sec./Treas.:	Jennylin Tapat JTapat@wilsonokamoto.com



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President's Message

Forty one of our members attended our first monthly meeting of 2018-19 Society Year on September 13, 2018, braving the inclement weather due to tropical storm Olivia. The technical session and main presentation's speakers did an awesome job in presenting their subject matters and provided a lot of technical information that was very useful to our members. We strongly believe the meeting attendees are now better equipped with knowledge and tools to design high-rise buildings that will meet the buyers expectation while making them sustainable and easy to maintain.

Our next meeting will be on Thursday, October 11, 2018. We are planning to have a round table discussion on various aspects of the control systems commonly used in HVAC industry. Several renowned experts in the HAVC control field in our local HVAC industry will take part in the round table discussion. The session will be very informative and useful for all members - design consultants, contractors, commissioning agents, and facilities personnel.

The October monthly meeting is also declared as a "Research Promotion Night." Our research promotion committee will go over the importance of ASHRAE research, and how it is benefiting our industry as well as all of humanity. We encourage everyone to contribute to ASHRAE Research Promotion.

At the end, we ask everyone to attend our upcoming monthly meeting and support our local chapter.

Mahalo Nui Loa! Mofazzal Mir, P.E.
2018-19 ASHRAE Hawaii Chapter President

October Meeting Announcement

Technical Session: "The Do's and Don'ts of Dedicated Outdoor Air Systems (DOAS)," presented by David Lindsay of Captive Aire.

Main Presentation: Controls Round Table Discussion

Local representatives from well-known controls companies, including Island Controls, Hawaii

Western District International Director Elect and Western District Task Force member Cathy Leong presented ITE International's One ITE Initiative at the most recent meeting held on August 29, 2018 at the Wilson Okamoto Corporation office. Cathy outlined the goals of the ITE One Initiative, a new measure aimed at enhancing member experience through consistency and clarifying the goals and missions of the organization's structure. Highlights from Cathy's presentation and other information discussed at the August meeting may be viewed through the Hawaii Section ITE website.

Energy Systems and Trane, will be discussing the answers to all your building controls questions!

Date: October 11, 2018.
Location: The Plaza Club, 900 Fort St. Mall, 20th Floor
Registration: Starts at 5:30 pm
Technical Session: 6:15 pm
Dinner: 7:00 pm
Main Program: 7:30 pm
Adjournment: 9:00 pm
Cost: \$45 per ASHRAE Member, \$50 per guests, \$55 at the door.

Visit our website for online registration and more information!
<https://ashraehawaiichapter.info/meetinginfo.php>



Derrick Sonoda speaks about lessons learned maintaining Honolulu's premier luxury high-rise condo, Anaha.



Diamond Pedro and Kelsey Koshi present certificate to speaker Scott LaBeau.



Hawaii Section OFFICERS

www.aacehawaii.com

President	Maelyn Uyehara
Vice Pres.	Christopher Kanæ
Secretary	Kristy Kastner, PSP
Treasurer	Cristo Rojas
Dir Soc. Med.	Joseph Uno, CCP, LEED AP BD+C

18 members and guests assembled for lunch at the office of Jacobs Engineering to listen to a presentation on Segmental Bridge Construction by Taka Kimura, P.E.. Mr. Kimura specializes in segmental and precast bridge construction and is Jacobs' Design Manager for the HART Project. Mr. Kimura has worked on several national and international projects. His presentation covered both span-by-span and balanced cantilever methods.

We'll be knocking down pins again in October! Watch for new of our next Social Event in October when we hit the lanes at Aiea Bowl!

We are also looking to partner with CMAA to do a Community Service Event in December.



ACEC Hawaii

Website: www.acechawaii.org

2018-2019 Board of Directors

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American Council of Engineering Companies Hawaii Update

At the ACECH September General Membership Meeting, Ernest Lau, Manager and Chief Engineer of the Honolulu Board of Water Supply, presented on their upcoming aggressive capital improvement program and new water rates and charges. These new rates improves affordability with a new essential needs tier, encourages conservation and helps give customers the ability to "control their own bills" by managing their water use. These revenues will support the increased CIP and other important objectives.

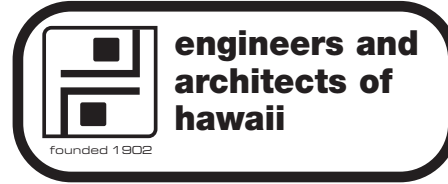
The speaker at the October general membership meeting will be Simon Treacy, President, Hawaii of The Howard Hughes Corporation based in Honolulu, HI. In his role, Treacy directs the planning, development and operational activities of Ward Village, a globally-recognized master plan that Architectural Digest recently named "Best Planned Community in the U.S.". At Ward Village, Treacy oversees 60-acres of new residential, retail, dining and entertainment venues as well as, the revitalization of Oahu's historic Kewalo Harbor. His presentation is titled **Ward Village Master Plan**. The general meeting will be at the Honolulu Country Club on Thursday, October 4, 11:45am – 1:30pm. Keep an eye out for the Eventbrite invite.



General Membership Meetings are one of the many ways that ACEC Hawaii provides value to its 60 plus member companies. Another value of being a member is the opportunity to apply into the ACECH Emerging Leaders Program, a professional development

and educational program for potential leaders in the engineering profession.

Lastly, got a great project that shows off your skills, expertise, and innovation? Consider entering it in the ACECH 2019 Engineering Excellence Awards Competition! Intent to Enter Form submittal deadline is October 15, 2018. Contact Ginny Wright at gwright@acechawaii.org for more information.



PO. Box 1901, Honolulu, HI 96805-1901
An association for Hawaii's Engineers and Architects

WEB address: www.eahawaii.org

EAH 2018- 2019 Officers

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1st V. P.	Open	
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Director	George Coates	234-5659
Director	Bill Brizee	523-9636
Director	Phil Blackman	282-7948
Director	Rob Kinslow	
Past President	Dave Martin	543-4504

2018 October EAH Program

Program Chair: EAH Board

October 5th. No Meeting Discoverers' Day Holiday

October 12th. Speaker: Patrick Chee – Project Manager Department of Land and Natural Resources. Title: "Protecting Lehua's Seabird Sanctuary" Patrick will talk about DLNR's efforts to protect Lehua Island's seabird sanctuary and it's Ecosystem with a program to eradicate the rats.

October 19th. Speaker: Chip Fletcher – Professor Geology and Geophysics UH. Title: "The Dire Effects Of 1oc Warming, And The Ominous Nature Of A 3oc World" The risk posed by climate change is much greater than generally portrayed by the media. Today, release of planet-warming carbon dioxide is ten times faster than any climate change event of the past 66 million years, when an asteroid impact killed the dinosaurs. The last time it was this warm was 125,000 years ago and global sea level was more than 20 ft higher.

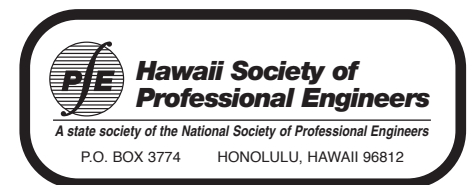
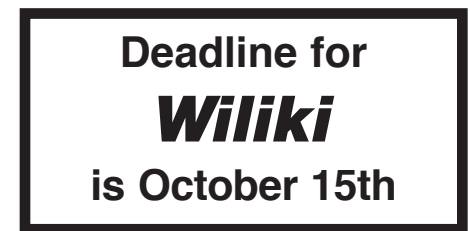
October 26th. Optional Friday - No Meeting Planned

Meeting Notes

July 13, 2018. Speaker: CAPT Jeff Shattuck - OCEANAMATICA. Title: "Saving Humanity with Closed Loop Ocean Waste Management". Capt. Shattuck provided us with a detail brief on the critical status of the plastic waste in our oceans. Currently there are millions tons of plastic wastes and they are collecting in 6 or 7 swirling garbage patches around the world. One of the largest patches is north of Hawaii. There are currently few practical methods or technologies to recover this plastic waste for our oceans. Capt. Shattuck presented his proposal for a fleet of remote controlled or automated non-manned worker barges that would collect the plastics and bring to mother processing ship. These would be good for plastics down to a few inches in size. But there is no technology for smaller sizes, and that is what many birds and fish are eating. Even more concerning is the plastic at the micro or

sub-micro size, which is getting ingested in fish's food chain. These sub-micro plastic is actually from plastic which replaced cotton in our clothing.

Aug 3rd, 2018. Speaker: Dr. Karen Meech, Grad Chair - Institute for Astronomy. Title: "Planets, Planets, Where Did the Water Come From?" Dr. Meech presented the latest research on space visitors to Earth - comets and asteroids. Almost 100% of comets and asteroids come from our solar system. However, recently this summer an oblong asteroid passed by Earth, which was not from our solar system, because its path came in perpendicular to the plane of our solar system planet orbits. Karen tracked this event. She explained that the Earth didn't have water when it was developing, so the question is: where did water come from. It has generally been concluded that the water must have been delivered to Earth by comets. So a class of 3rd graders asked, how many comets would it take to fill our oceans? She didn't know so she made an estimate. For large comets it would have taken only about 10,000, but for smaller comets it would have taken in the millions. Of course we will never know the answer. She also talked about space missions by NASA and Japan to visit and bring back material from Asteroids. The NASA mission OSIRIS-Rex will bring back material from the Benu asteroid. It recently arrived at Benu in August and will return material in 2023.



<http://www.hawaiispe.org/>

HSPE Officers for 2018-19

President:	Mike Lum mlum@bowersandkubota.com
Past President:	Mike Kamaka mkamaka@bowersandkubota.com
President Elect:	Sara Doi sdoi@bowersandkubota.com
Vice President:	Majella Stevenson MujTravel@aol.com
House of Delegates:	Mike Silva mike@femaui.com
Secretary:	Irina Constantinescu IConstantinescu@BrwnCald.com
Treasurer:	Kurt Kunimune kkunimune@bowersandkubota.com

Nominations for the Engineer of the Year candidates will be accepted beginning in November of 2018. Nomination forms will be available on the HSPE website. The awardee will be presented at the Engineer's Week Banquet in February of 2019. Please contact Kurt Kunimune of HSPE at kkunimune@bowersandkubota.com for nomination forms or with any questions. Nominations will be due by December 28, 2018. Mahalo!



2018-2019 ASCE Hawaii Section Officers

President: Eric Arakawa, P.E.
email: earakawa@ascehawaii.org

President-Elect: Jason Kage, P.E.
email: jkage@ascehawaii.org

Vice President: Dayna Nemoto-Shima, P.E.
email: dnemoto@ascehawaii.org

Treasurer: Clifford Lum, P.E.
email: clum@ascehawaii.org

Secretary: Reyn Hashiro, P.E.
email: rhashiro@ascehawaii.org

Immediate Past Pres: Lara Karamatsu, P.E.
email: lkaramatsu@ascehawaii.org

YMF President: Nicole Nakaoka, P.E.
email: nnakaoka@ascehawaiiymf.org

EXECUTIVE COMMITTEE MEETING

Last held: Aug 31, 2018
 Next meeting: Oct 4, 2018

OUTSTANDING CIVIL ENGINEERING ACHIEVEMENT (OCEA) AWARDS BANQUET

The Hawaii Section OCEA Awards Banquet at Waialae Country Club has been rescheduled to Friday, November 2, 2018. Please join us at our annual OCEA banquet recognizing the outstanding projects in the civil engineering community. Banquet registration flyer will be emailed out to membership.

ASCE HAWAII SECTION DINNER MEETING

The next ASCE Hawaii Section dinner meeting will be a joint meeting with WTS and is scheduled for Thursday, October 18th at HASR Bistro with Darrell T. Young, HDOT Harbors Division Deputy Director, as our guest speaker. The flyer will be emailed out to membership.

Committee Positions

ASCE Hawaii is looking for volunteers to fill the following committee positions: History & Heritage Chair, Advocacy Captain, Student Practitioner Advisor, and OahuMPO CAC Representative. If you are interested or have questions on any of these positions, please contact President Eric Arakawa, *earakawa@ascehawaii.org*.

MEMBERSHIP

If you haven't already done so, please renew your ASCE membership. You can renew your membership at www.asce.org.

ASCE JOB LISTINGS

The following job listings are currently posted on the ASCE Hawaii Section website:

- **City and County of Honolulu** (Civil Engineer V (Geotechnical), Civil Engineer III, V, VII, Mechanical Engineer V)
- **GROUP 70** (Civil Designer, Civil Engineer, Project Manager)
- **HartCrowser** (Geotechnical Engineers – Principal Level & Project Level)
- **Kennedy/Jenks Consultants** (Project Manager, Staff Engineer)
- **Nagamine Okawa Engineers** (Structural Engineer)
- **SSFm** (Civil Engineers V, Structural Engineer IV)
- **USACOE** (Interdisciplinary Project Manager)
- **Booz Allen Hamilton** (Civil Engineer)

For further information, please visit <http://www.ascehawaii.org/job-listings.html>.



2017-2018 YMF Officers

Jordan Urabe, President
jurabe@ascehawaiiymf.org

Nicole Nakaoka, Vice President
nnakaoka@ascehawaiiymf.org

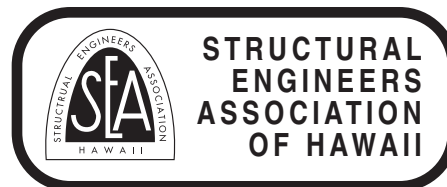
Austin Wong, Treasurer
awong@ascehawaiiymf.org

Kapiolani Street, Secretary
kstreet@ascehawaiiymf.org

Norman Leong, Past President
nleong@ascehawaiiymf.org

YMF General Meeting

The next YMF general meeting is scheduled for Wednesday, October 3, 2018 at 6:00 pm at Lisa's House in Kalihi. If you are interested in attending and learning more about the various professional, social and service opportunities available through YMF, please contact YMF at yfm.hawaii@gmail.com.



PO BOX 3348, HONOLULU, HI 96801
 Web Page URL <http://www.seaoh.org>

2018 BOD OFFICERS AND DIRECTORS

President	Jeffrey Cudiamat	488-5000
	<i>jcudiamat@structuralhawaii.com</i>	
Vice President	Kevin Nakamoto	356-1237
	<i>knakamoto@ssf.com</i>	
Secretary	Craig Meierhoffer	534-1300
	<i>cmeierhoffer@baseengr.com</i>	
Treasurer	Eric Tomishima	486-5202 x 4
	<i>eric@iwamotolc.com</i>	
Director (Yr 2)	Michael Greer	591-2728
	<i>mgreer@wje.com</i>	
Director (Yr 2)	Deborah Kim-Ito	271-2862
	<i>dkimito@jbmaterials.com</i>	
Director (Yr 1)	Kainoa Aki	292-4473
	<i>kainoa.aki@basf.com</i>	
Director (Yr 1)	Jillian Sumitomo	488-7579
	<i>jillian@mkellc.com</i>	
Past President	Jonathan Murai	791-3952
	<i>jmurai@kaihawaii.com</i>	

PREVIOUS BOD MEETING

September 5, 2018

General Membership Meetings/Technical Seminars/Events

For all events see seaoh.org or look for email flyer for registration.

- **AISC Seminar** – This event is still in the planning process, so please continue to check the SEA OH website for more information.

2018 SEA OH Scholarship Golf Tournament

The golf tournament has been scheduled for Friday, October 19, 2018 at Hoakalei Country Club. The registration form has been posted on the website. The tournament is the main source of revenue for the SEA OH college scholarships that are given every year. This year, SEA OH is planning to award four \$3,000 college scholarships, with one scholarship being reserved for a student who may not be pursuing a structural engineering degree. Please check the events section on the seaoh.org website for information on the scholarship application.

SEA OH Young Member Group

The SEA OH young member group has been reactivated!! A big Mahalo to the current committee chair Kevin Galvez for spearheading this task. Any young member (under the age of 35) is encouraged to participate in the group. Please contact Kevin at seaoh.ymg@gmail.com for more information.

SEA OH BOD Search Committee

SEA OH has begun the search process to find members willing to serve on the 2019 board of directors. If interested, please contact a current board member for more information.

New Member Applications

Applications for the following individuals have been received and are open for comments from the membership: Hui Zhang & Maxx Cullen Toyama for Associate Members, and Corbin Morisada for Student Member.

Next Meeting on October 3, 2018. For information, contact SEA OH President, Jeffrey Cudiamat jcudiamat@structuralhawaii.com



CCMAA Hawaii Chapter

<http://hawchapter.cmaa.org>

2018 CMAA Hawaii Chapter Board

President	Brook Corney (CH2M)
Vice President	Alex Pascual (Bow CM)
Secretary	Ranelle Ho (SSFm)
Treasurer	Emily Boirum (Bowers + Kubota)
Chap Past Pres	Chandra Namunnart (EKNA Services)

CMAA Hawai'i Chapter News:

Aloha CMAA Hawai'i! On Tuesday, September 4th Elections of the CMAA Hawai'i 2018 – 2019 Officer Elections commenced. Voting concluded on Wednesday, September 19th. Winners were announced at the End of Year Chapter Meeting and Paina. Stay tuned for CMAA Chapter emails for the results. The End of Year Paina was held on Thursday, September 20th at Dave & Busters. Mahalo to the former Board Members, Past-President, Directors and Chairs of Committees who worked hard this past year. Congratulations to the New Board Members, Past-President, Directors and New Chairs.

Two scholarships of \$1,000 each was awarded to Dalena Ricks and Melody Yim. It is intended to assist students planning to pursue or are pursuing a degree in Construction Management. The 7th Annual Golf Tournament was held on Friday, September 28th at the 'Ewa Beach Golf Club. This event supports the growth of Hawai'i's construction management industry and the continuation of the CMAA Scholarships.

As shared in the past, our chapter is here as a resource for all Construction Engineering and Management professionals, and the things that we do benefit not only our CM community but our larger Ohana as well. If you have any questions regarding any of our upcoming events, would like to join our Ohana and become more involved with the CMAA Hawai'i Chapter or would simply like to be added to our email list,

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