

Newsletter of the Structural Engineers Association of Oregon

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IN THIS ISSUE: PAGE # President's Message 2 SEAO SF Trivia Fundraiser 3 SEAO Awards Update & Ask A? 4 2024 SEAOC/SEA NW Conference, 5 Wind Committee Update Code Committee Update, SEAOSF Trade Show, Ad Space, YMP Update & Sustainable Design Committee Update 6 NCSEA Webinars 7 Employment Opportunity 8 Web Steel Buildings Northwest 9 Flyer ■ Golf Tournament Flyers 10-11

Linked in

SEAO has a LinkedIn account and can be followed at <u>SEAO</u> <u>LinkedIn Page</u>.

CONNECTIONS

March 2024 Volume 23 Issue 7

Upcoming SEAO Meetings and Events:

Tuesday, April 9, 2024: SEAO Trivia Night

Location: Zoiglhaus Brewing Company, 5716 SE 92nd Avenue, Portland, OR Time: 6 pm-7:30 pm (Estimated) See page 3 for more information.

Thursday, April 18, 2024: YMF & Sustainable Design Committee Happy Hour

Location: Rogue Eastside Pub & Pilot Brewery, 928 SE 9th Avenue, Portland, OR Time: 5:30 pm—7:30 pm See page 6 for more information.

Tuesday, April 30, 2024: SEAO AWARDS STEP 1 ENTRY DEADLINE

Step 1 deadline is for project title and (4) pictures. Complete application is not yet required.

See page 4 for more information.

Tuesday, May 14, 2024: SEAOSF Trade Show and Seminars

Trade Show Time: 5 pm to 8 pm Dinner : 6:30 pm Pre-Trade Show Mini-Seminars Topic & Times: Estimated to Start at 11 am, Topics/ Schedule Remain To Be Determined Location: Monarch Hotel & Conference Center, 12566 SE 93r Avenue, Clackamas, OR Cost: Free to SEAO Attendees See Page 6 for more information.

Wednesday, August 2, 2024: SEAO/OACI Golf Tournament

Location: Langdon Farms Golf Club, 24377 Airport Road, Aurora, OR Shotgun Start: 1:00 pm; Social Hour 6:00 pm; Dinner & Awards 6:30-7:30 pm Register Early—Event Will Sellout See pages 10 and 11 for registration and sponsorship information.

Wednesday, September 4— Saturday, September 7, 2024: SEAOC Convention & SEA NW Conference

Location: Hyatt Regency at the Oregon Convention Center, Portland, OR See Page 5 for more information.

Tuesday, November 5— Friday, November 8, 2024: 2024 Structural Engineering Summit Location: MGM Grand Hotel, Las Vegas, NV

SPEAKER APPLICATION DEADLINE IS APRIL 14, 2024.

Visit <u>https://ncsea.submittable.com/submit/3c333d1b-0fe9-4217-998f-0a24fa31d2be/2024</u> <u>-summit-call-for-speakers</u> for Call for Speakers Announcement. More information is to be provided in future newsletters..

Tuesday, November 12, 2024: SEAO Structural Engineering Awards Banquet (SAVE THE DATE)

See Page 4 for more information.

CONNECTIONS is a monthly publication of the Structural Engineers Association of Oregon, published to disseminate current news to our membership and others involved in the profession of structural engineering. The opinions expressed reflect those of the author and, except where noted, do not represent a position of SEAO.

Send membership inquiries to:

9220 SW Barbur Blvd. No. 119 PMB #336 Portland, OR 97219

BOARD OF DIRECTORS 2023/2024

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Executive Secretary Jane Ellsworth SEAO Staff Ph: 503.753.3075 jane@seao.org

PRESIDENT'S APRIL MESSAGE By: Jared Lewis, PE, SE

Greetings and welcome to April 2024!

We're gearing up for the 4th annual Trivia Night on **April 9th**! Please consider registering a team and coming out to Zoiglhaus Brewing Company for fun and camaraderie! Registration is open on the SEAO website. I look forward to seeing you there!



If you haven't already, please mark your calendars for the following events affiliated with SEAO:

- The 2024 SEAO Excellence in Structural Engineering Awards initial qualifications submissions are due <u>April 30, 2024</u>. Get your project names and preliminary photographs submitted to have the opportunity to submit final entries by June 30, 2024. We look forward to seeing your submittals at all levels of the project criteria. Please direct questions or comments to Brynn Adkins (<u>badkins@tmrippey.com</u>) and JoMarie Farrell (jomarie@equilibriumllc.com).
- 2. SEAO elects a new board each year. If you are interested in participating at the board level, please consider submitting for positions you are interested in when the board positions open in **April**. Look for more information on our website.
- The joint SEAO/ACI golf tournament occurs on August 7, 2024, at Langdon Farms. If interested in sponsorships or golfing, please contact Jane Ellsworth (jane@seao.org).

I have mentioned our upcoming survey of membership in past monthly messages. Please look out for an email link to the survey. Our goal is to hear from as many of our members as possible, and we have limited the number of questions and format to keep the process simple and time sensitive. We will post the results of the survey on the website and begin organizing the results into strategic planning efforts. Please help us develop SEAO's vision for the future.

Thank you all in advance for supporting SEAO in any way you are able. SEAO is made stronger through your continued efforts and involvement!

Thank you ~

Jared Lewis 2023/2024 SEAO President

SEAO COMMITTEES

CODE ADVISORY COMMITTEE Seismic

Jonathan Knudtsen jknudtsen@wje.com

Wind OPEN CHAIR

Snow Load Andy Stember andy@jasenginc.com

Code *Eric Watson* eric@miller-se.com

Vintage Building OPEN CHAIR

Special Inspections *Eric Watson* eric@miller-se.com

Sustainability *Jo Ann Offill* joffill@mcknze.com

STRUCTURAL ENGINEERS <u>EMERGENCY RESPONSE (SEER)</u> *David Tarries* David.tarries@portlandoregon.gov

PROGRAM COMMITTEE Awards

Awarus Brynn Adkins badkins@tmrippey.com

Golf Tournament OPEN CHAIR

Conferences *Kevin McCormick* kevin@miller-se.com

ADVOCACY COMMITTEE Website

Seth Thomas seth.thomas@kpff.com

Engineers Week Michelle Juarez michelle@miller-se.com

Young Member Forum *Eric Esqueda & Emma Olds* YMF.seao@gmail.com

SE3 Annabel Shephard shep.annabel@gmail.com

CONTINUING EDUCATION <u>COMMITTEE</u> Seminars Andy Stember andy@jasenginc.com

MEMBERSHIP COMMITTEE

Newsletter *JoMarie Farrell* jomarie@equilibriumllc.com

Roster Jane Ellsworth jane@seao.org

DELEGATES

NCSEA & WCSEA/NWC David Linton dlinton@mcknze.com

Seth Thomas (Alternate) seth.thomas@kpff.com

SEAO TRIVIA EVENT TUESDAY, APRIL 9, 2024, 6:00 PM-7:30 PM



Help SEAO raise money for scholarships by joining us for our fourth annual structural engineering themed trivia night! For the first time, trivia is getting its own dedicated night.

Want to test your structural engineering knowledge while helping support future structural engineers? SEAO YMF's annual trivia night will be held on April 9th, 2024 at Zoiglhaus Brewing Company at 5716 SE 92nd Avenue in Portland, Oregon.

Trivia will start at 6 pm and is expected to end at approximately 7:30 pm.

Make your own teams (5 people maximum) or sign up as an individual and get mixed into your own team. The registration fee is a minimum donation of \$25 for an individual and \$125 for a team. Donations are tax deductible and will go towards the SEAO Scholarship Fund to help support future structural engineers.

Register your team before April 7th using the following link: <u>https://</u> forms.gle/4bvYwhdS82NQ9Uks6.

Please email or call Jane Ellsworth at .jane@seao.org or 503-753-3075 to make your donation. Once you payment has been confirmed with SEAO, the individual or team captain will receive a confirmation email.

Registration ends on Sunday, April 7, 2024, and must be done in advance.

2024 SEAO EXCELLENCE IN STRUCTURAL ENGINEERING AWARDS FIRST STEP: SUBMIT PROJECT NAME AND (4) PHOTOS BY APRIL 30, 2024

The SEAO Awards Committee received too few entries to hold the Awards Banquet in February. SEAO has reopened the website Award Submission form and extended the deadline to combine past year's applications. Projects must have been completed in 2021, 2022, or 2023. **Submission deadlines will include a two-step process.** The **first step** is to simply fill out the "Project Info" section of the application and upload at least four photos in the "Photos" section. Saving your application and exiting will let us know you have completed the first step. You may return to your application at any time. The first deadline will be **April 30, 2024**. The **second step** is to complete your application, filling in the remaining sections and submitting the entry fee. That deadline will be **June 30, 2024**. Members may also fully submit their entries anytime between now and June 30, 2024, but the first step must be completed by **April 30,** 2024.

Award categories include:

- New Buildings Under \$10M
- New Buildings \$10M to \$40M
- New Buildings Over \$40M
- Renovation/Retrofit
- Special Use Structures

The awards banquet will be held on **Tuesday, November 12, 2024**. Visit <u>https://www.seao.org/committees/advocacy/awards-committee</u> to see the Awards Committee web page and to begin your submission(s). Don't forget to login to access the web-site to start your submission. For ease on the submission process, you can start, stop, and save your work as you create your submission. Eligibility requirements include:

- 1. Project must have completed construction during the calendar years of 2021, 2022, or 2023.
- 2. At least one member of the design team, research team, or a principal of the firm responsible for entry must be a member of SEAO.
- 3. Entries may be of any size, type, and location.
- 4. Projects may be submitted into one category only. SEAO reserves the right to reassign the category, should it meet the criteria for more than one category.
- 5. Each company may submit up to two projects per category (10 projects total).

We especially encourage small firms to submit their projects. Remember to submit as much technical information as possible. The judges are looking for your engineering challenges and creative structural ideas. We want to see what you have been working on! Start thinking about a project or projects you want to submit for consideration or visit the link above to begin your submission(s).

ASK A QUESTION, GET AN ANSWER

Do you have a code question you would like to ask the Wind Committee or Snow Committee?

SEAO is pleased to provide a simple way for Q&A's with technical committees. Email questions to <u>jane@seao.org</u>, and SEAO will direct your question to the appropriate committee chair for a response.

Questions and their answers will be made anonymous and available to the membership on the website <u>www.seao.org</u>. Committees include: Seismic, Wind, Snow, Code, Vintage Building, and Special Inspections.

2024 SEAOC CONVENTION & SEANW CONFERENCE LEARNING FROM THE PAST, BUILDING THE PRESENT, SHAPING THE FUTURE SEPTEMBER 4–7, 2024 HYATT REGENCY AT THE OREGON CONVENTION CENTER, PORTLAND, OREGON

SEAOC and the 2024 SEAOC Convention Committee are happy to announce that SEAOC's signature annual event this year will be September 4—7, at the Hyatt Regency at the Oregon Convention Center in Portland—our first-ever convention in this beautiful and dynamic city. This year's Convention Committee from SEAONC, our Northern California association, is working in partnership with the structural engineering associations of the Pacific Northwest, and this year's 2024 SEA Northwest Conference will be part of this year's convention. The Technical Program will include concurrent technical sessions, an opening plenary presentation by Dr. Erica Fischer from Oregon State University, and a special closing plenary session featuring a panel of distinguished members of the SEAOC College of Fellows.

Exhibitor Booths – Available now! Contact <u>SEAOC2024@seaoc.org</u> to reserve your spot! Sponsorship Opportunities – Available now! Contact <u>SEAOC2024@seaoc.org</u> for available opportunities.

Key Dates:

- Event Website and Registration Launch: 5/6/2024
- Early Bird Registration through: 5/24/2024
- Hotel Rooms Available to Book: 5/6/2024

WIND COMMITTEE UPDATE

Special Wind Regions (SWR) have been indicated in the building code; however, lack of criteria for how to deal with wind speeds in those areas remain in the current code. Per Seth Thomas in *Structure Magazine* (March 2024 Edition), "Special Wind Regions are identified in ASCE 7 to highlight the lack of data or the high variability of wind speeds in localized areas where the wind data from the surrounding areas may not be adequate to properly capture the hazard . . . ASCE 7 Section 26.5.2 and ASCE 7 Commentary note that the design wind speed for the special wind regions specified in ASCE 7 are to be determined by the Authority Having Jurisdiction, based on regional knowledge and experience." However, there is a lack of information available to AHJs, and the site-specific studies required to provide information to the AHJs and design engineers require funding, which was unavailable from the states.

Both the SEAO Wind Committee and SEAW joined forces to establish a partnership and set a budget to complete the work required for a site-specific study. Each SEA fundraised their portion of the study with the intent to complete the studies in time for them to be adopted into the ASCE 7-22 code cycle; however, the fundraising goal was not met in time, and the revised target is the ASCE 7-28 code cycle.

The study has been completed; however, the ASCE 7-28 will not be adopted until the 2030 IBC (2031 OSSC). The SEAO Code Committee worked with the Oregon Building Codes Division to allow a path for early adoption of the wind speeds. On August 9, 2023, the Oregon Building Codes Structures Board approved an interim amendment to the 2022 OSSC for the wind speeds in the SWR shown in the ASCE 7-16. That amendment went into effect October 1, 2023.

Read Seth Thomas' full article in Structure Magazine using the following link: <u>https://www.structuremag.org/?p=26836</u>. SEAO wishes to thank the efforts of the committees to get this work done and their push to get this information adopted into the current building code. Their achievement is a benefit for all our members.

CODE COMMITTEE UPDATE

The state is moving forward with adopting the 2024 IBC; The Code Committee met March 14 for their first meeting to work on their portion of the adoption process. They will be meeting weekly through April 20th to get the work done and meet the state's schedule.

Big areas of concern include the updated ASCE 7-22, the IEBC integration into chapter 34, and the special inspection gap in chapter 17.

2024 SEAOSF TRADE SHOW MAY 14, 2024, STARTS AT 5 PM

Save the Date! The 2024 SEAOSF (Scholarship Foundation) trade show will be held on May 14, 2024 at the Monarch Hotel in Clackamas, Oregon. SEAOSF is now accepting registration for Pre-show mini-seminars and for vendor booths in the exhibitor hall.

Trade Show: 5 pm to 8 pm; Dinner: 6:30 pm

SEAOSF will also be holding a raffle during the trade show to raise money for the SEAOSF scholarships. Donations to the raffle are greatly appreciated. Donations will be announced at the raffle and in the newsletter for additional name exposure. Look for information in future newsletters for additional information on trade show, and mini-seminars.

Up to 4 PDHs available. Register at <u>https://</u>www.seao.org/events/may2024/tradeshow.

ADVERTISING SPACE AVAILABLE

SEAO is pleased to provide full page advertising to members for \$500 and to non-members for \$600. That is the price to run the ad the entire year from September to August. If you'd like to advertise, please contact Jane at jane@seao.org.

YMF UPDATE

In late February, a few SEAO YMF members participated in the Engineers Week High School Program. This program has been going on for 60 years and gives students the opportunity to attend seminars to help them prepare for college, visit the exhibit hall, chat with different types of engineers, and have lunch with practicing engineers.

Our YMF members came prepared with a shake table and some tools of the trade and were able to educate over 225 students about what structural engineers do. We had an incredibly busy booth and one student even told her friend that we were her favorite out of all of the tables. If you're interested in participating next year, reach out to the YMF co-chairs at ymf.seao@gmail.com.

SUSTAINABLE DESIGN COMMITTEE UPDATE

The Sustainable Design Committee will be joining the YMF Happy Hour on April 18. We'll be sharing information about our committee, including membership opportunities and what we do to support sustainable design in structural engineering. If you have any interest in sustainability or have ever wondered how you could advocate for sustainable design as a structural engineer, we'd love to see you there!

The happy hour event will be held at Rogue Eastside Pub & Pilot Brewery from 5:30 to 7:30 on April 18th.

If you can't make the happy hour, but would like to know more about the committee, please contact Jo Ann Offill at joffill@mcknze.com.

April 4, 2024, 10 am Pacific Time (Fee for Webinar) <u>Changes in ASCE 7-22 Wind Load Provisions for Components and</u> <u>Cladding (C&C)</u>

Speaker: William L Coulbourne, P.E., F.SEI, F.ASCE

The C&C wind load provisions adopted for ASCE 7-16 introduced several changes that increased the C&C wind pressures in some roof zones of flat, gable, and hip roofs. Roof zones were added, usually increasing the number of zones from 3 to 6. There were some zones where the effective wind areas (EWA) were reduced to less than 10 sq. ft , thus increasing the C&C pressures. These complications were removed in ASCE 7-22 thus usually reducing the wind pressures but more importantly making the provisions easier to use. These changes will be covered in this webinar. (1.25 PDH)

April 10, 2024, 10 am Pacific Time (FREE)

<u>Creating a Foundation for AI in the Structural Engineering Profes</u> <u>sion—NCSEA Connect Webinar</u>

Speakers: Emily Guglielmo, P.E., S.E., Principal at Martin/Martin Consulting Engineers, John-Michael Wong, PhD, S.E., Associate at KPFF Consulting Engineers, and Chris Cerino, P.E., S.E., incoming President for NCSEA

Join us for an interactive webinar on the role of AI in the structural engineering profession. Our panel will discuss both the challenges and opportunities facing our profession. While we all know AI has the potential to improve efficiency, NCSEA is working to demonstrate how we can use AI to revolutionize and empower structural engineers to be leaders in responsibly sharping the future of the built environment. Participants will receive a shareable document outlining next steps to consider when implementing AI in their firms. Don't miss this opportunity to stay ahead of the curve in the rapidly evolving world of AI and structural engineering. There are no continuing education credits offered by NCSEA for this webinar.

April 11, 2024, 10 am Pacific Time (FREE)

4th Annual SE Excellence Awards Webinar Series: New Buildings \$80 Million to \$200 Million: Ascent Tower

Speaker: Jordan Komp, P.E., S.E., Thornton Tomasetti

Mass timber is a relatively new technology in the United States, with unique characteristics and design methods. However, the market is showing a significant demand for projects featuring this material. This presentation will cover the design and construction of Ascent Tower, currently the tallest mass timber building in the world. Ascent has broken the world record for mass timber construction (height), nearly doubling the next tallest timber building in the United States (...for now). (1 PDH)

April 24, 2024, 8 am Pacific Time (Fee for Webinar) CalOES Safety Assessment Program

Speakers: Derek Hanson, P.E., President of Structural Engineering Excellence, Inc., and Klaus Perkins, P.E., S.E., Senior Project Manager, Bennett & Pless

This California Office of Emergency Services (CalOES) Safety Assessment Program (SAP), presented by NCSEA, is based on ATC-20/45 methodologies and forms. This SAP training course provides engineers, architects and code-enforcement professionals with the

basic skills required to perform safety assessments of structures following disasters. Licensed design professionals and certified building officials will be eligible for SAP Evaluator certification and credentials following completion of this program and submission of required documentation.

Schedule of Events (Based in Central Time)

- 10:00 a.m. 10:15 a.m. Unit 1: Introduction
- 10:15 a.m. 10:40 a.m. Unit 2: Program Overview
- 10:40 a.m. 12:00 p.m. Unit 3: Rapid Evaluations
- 12:00 p.m. 12:30 p.m. 30 Minute Lunch Break
- 12:30 p.m. 2:00 p.m. Unit 4: Detailed Evaluations
- 2:00 p.m. 2:15 p.m. 15 Minute Break
- 2:15 p.m. 2:45 p.m. Unit 5: Field Deployment
- 2:45 p.m. 3:00 p.m. Unit 6: SAP Registration

April 25, 2024, 10 am Pacific Time (Fee for Webinar) Wind Loads on Irregular Buildings

Speakers: Todd Clapp, P.E., S.E., Project Engineer at Martin/Martin Consulting Engineers, and John-O'Brien, P.E., S.E., Director of Engineering at PES Structural Engineers

The ASCE 7 Standard provides prescriptive provisions for determining wind loads on regular shaped buildings. Practitioners are tasked with designing a wide variety of building structures that don't always fit exactly within the provisions of the standard. This session will provide guidance on applying the wind provisions to a variety of building shapes and components by understanding how wind pressures and pressure coefficients relate to wind flow around a building. Additional design guides will be discussed, and examples will be presented. This presentation was developed by the NCSEA Wind Engineering Committee. (1.25 PDH)

May 9, 2024, 10 am Pacific Time (FREE)

<u>4th Annual SE Excellence Awards Webinar Series: Forensic/</u> <u>Renovation/Retrofit/Rehabilitation Structures > \$20 Million: TSX</u> <u>Broadway and Palace Theater Redevelopment</u>

Speakers: J. Benjamin Alper, P.E., S.E., Principal at Severud Associates, and Cawsie Jijina, P.E., MASCE Principal at Severud Associates Times Square in New York is known for many things, including its Broadway Theaters, luxurious hotels, trendy retail, great entertainment venues, and flashy billboards. With TSX Broadway, the project contains all these items in one building. But, what makes TSX Broadway exceptional is not just that it contains all the elements of Times Square in one location, but it is the way in which existing elements were shifted and juxtaposed with new elements, that makes this Entertainment complex and hotel tower a unique structural engineering feat, culminating in the raising of the raising of the existing historic Palace Theater. (1 PDH)

There are also recorded webinars that can be purchased for professional development hours (PDHs) online at <u>https://www.pathlms.com/ncsea/events#on-demand-events-content</u>.

KURT FISCHER STRUCTURAL ENGINEERING Structural Engineer Portland, OR

Kurt Fischer Structural Engineering (<u>www.kfseng.com</u>) is looking for entry-level or experienced structural engineers to join our Portland office. KFSE provides innovative and creative solutions for the built environment. We are looking for passionate and ambitious structural engineers to join our versatile, progressive, and experienced firm. Current projects include: historic non-ductile concrete and URM seismic rehabilitation, mid-rise office buildings, residential apartment and mixed use complexes, luxury residential, and a mid-rise luxury hotel.

We highly value our employees and strive to foster a positive and energetic work environment by providing engineers with the tools, resources, and mentoring to further their knowledge and career. There is ample opportunity for upward mobility within our firm, and we invite you to talk with us about exciting opportunities at KFSE.

Contact/send resumes to: LT@kfseng.com

Web Steel Buildings NorthwestLLC

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WSBNW.COM 503-668-7211 Sandy, OR





WHEN:

DATE: Wednesday, Aug. 7th, 2024 SHOTGUN START: 1:00PM SOCIAL HOUR: 6:00PM DINNER & AWARDS: 6:30-7:30PM

NHERE

Langdon Farms Golf Club 24377 Airport Rd NE Aurora, OR 97002 Phone: (503) 678-4653

TOURNAMENT:

4-Player Team Scrambles

NER

A catered dinner will be served after the tournament on-site.

EVENT DETAILS:

For 2024, OACI and SEAO will be returning to the premier Portland area golf club, Langdon Farms!

Langdon Farms Golf Club remains, as stated at the entrance, "Public Only." For several

Appropriate "Country Club"attire is required:

- Collared Shirts
- → No Denim
- → Shorts must have a 6" inseam
- Soft spikes only

years, the course hosted the local US Open qualifier where the lowest all-time score was 67, 4 under par. In 1995, noted architects Bob Cupp and John Fought designed Langdon Farms with dynamic mounding, strategic bunkering, and well-placed water

features that make their links-style golf course stand out. The 18hole "Langdon Farm" course features 6,935 yards of golf from the longest tees for a par of 71. The course rating is 73.3, and it has a slope rating of 125 on Blue grass.

CONTACT:

Jane Ellsworth

ph: (503) 753-3075 em: jane@seao.org

REHISTRAT

RETURN THIS ENTRY FORM BY JULY 7th TO: SFAO PO BOX 2958 Vancouver, WA 98668

**** NO REFUNDS FOR CANCELLATIONS AFTER JULY 24th ****

(Player Fee includes **2 raffle tickets**, green fee, golf cart, driving range, dinner, and Team items*) *Included with every team registration: 4 (four) Mulligans total (1 per player) and 1 (one) Five-Foot String, per Team.

TEAM:	Player Names	Membership	Fee	Payment Enclosed
		SEAO DOACI	\$225	\$
		□seao □oaci	\$225	\$
		□seao □oaci	\$225	\$
		□seao □oaci	\$225	\$
Pay By MAIL:	Check Included	TOTAL:	\$	
Name: As it appears on Credit Card		Contact Phone #:		
Credit Card #:				
Credit Card Exp Date:	3-Digit Code: On back of Credit Card	Billing Zip Code:		

Please Return This Form A.S.A.P. to: SEAO, PO BOX 2958, Vancouver, WA 98668

AUG. 7th, 2024 Langdon Farms Golf Club 1:00 PM SHOTGUN START!

SPONSORSHIP FORM

GOLF TOURNAMENT

Company Name:							
Contact Name:							
Phone:	Fax:						
Email:							
HOLE SPONSORSH	P (choose any or all of the following)						
HOLE SPONSORSHIP - \$300 Comes with individual tee signage and recognition at the on-site dinner.	recognition at the on-site dinner.	DINNER SPONSORSHIP - \$3,000 Join the SEAO and OACI by sponsoring the on-site barbacue dinner! Includes tournament registration for a team of four, and distinct recognition from SEAO/OACI at the on-site dinner.					
ADDITIONAL SPONSORSHIPS (choose any or all of the following)							
LD/KP/Long Putt Hole Sponsor \$150 On Course Drink Refreshment \$500 (Host drink cart for one beverage p participant to be redeemed during	sponsor er \$300 (Host keg of Micro-brew) 19 th Hole Sponsor \$300	Golf Cart Sponsor \$500 (Host the golf carts with a sign in each cart with your company name) SPONSORSHIP SUB-TOTAL:					

(aci)

TEAM REGISTRATION

(Player Fee includes 2 raffle tickets, green fee, golf cart, driving range, dinner, and Team items*)

TEAM:	Player Names	Member	rship	Fee	Payment Enclosed	
		□ SEAO		\$225	\$	
		□ SEAO		\$225	\$	
		□ SEAO		\$225	\$	
		□ SEAO		\$225	\$	
	rery team registration: 4 (four) Mulligans toto) and 1 (one) Five-Foot String, per Team.	al .	PLAYER/TEAM SUB-TOTAL:	\$		
Pay By MAIL:	Check Included		TOTAL:	\$		
Name: As it appears on Credit Card			Contact Phone #:			
Credit Card #:						
Credit Card Exp Date:	3-Digit Code: On back of Credit Card		Billing Zip Code:			
Please Return This Form A.S.A.P. to: SEAO, PO BOX 2958, Vancouver, WA 98668						