

AIAA LA-LV Section Council Meeting Minutes
November 10th, 2020 6:00 PM PST – Virtually Conducted

Meeting Location: Zoom

Call to order – 6:00 PM(PST)

Attendees:

- Ken Lui (taking notes)
- Chandrashekar Sonwane
- Khushbu Patel
- Brett Cornick
- Marty Waldman
- Jordan Chilcott
- Dennis Wonica
- Aldo Martinez
- Marilyn McPoland
- Jim Kowalski
- Fred Lawler

6:00 PM – Call In, introductions, networking, and COVID updates

6:10 PM – Call to Order. Reading and approval of the Minutes of Last Meeting

- Minutes approved

6:15 PM – Shekar proposed metal appreciation plaques for the Council Members. Jim expressed no need and too many things at him and Gary asked why now but not in the Annual Awards Dinner. Khushbu asked to wait. Jim asked for the previous years' practice on this. Shekar asked no Christmas Party this time due to COVID- 19 Panemic. Gary and Dennis felt it's not safe so Shekar concluded no council party this year. Khushbu suggested for an online party. Dennis proposed the membership reimbursement. Ken expressed life member would not get the reimbursement. Fred joined the meeting (6:18 PM) the meeting and asked if this proposed online Happy Hour would be combined with the December Council Meeting and Shekar confirmed yes.

6:20 PM – Shekar proposed a motion that the corresponding Chair / Office in the Council needs to be contacted for arranging a specific event/meeting (like STEM K-12, YP etc) and the corresponding Chair can decide / approve and participate. Fred seconds. Discussions: Khushbu asked Fred's views and expressed her views. Fred used the YP & STEM K-12 events he did recently to get all council review. Gary expressed no needs to ask the whole council to review the complicated slides and should trust the corresponding elected officer. Khushbu also echoed Gary's view and no need to limit the number of events. Fred suggested limiting the number and have the Council review for each. Gary felt no need, citing the Aero Alumni. Fred, Gary, Marilyn talked about the calendar arrangement in the case of no council review with individual communication. Khushbu expressed negativity should be avoided. Marilyn, Khushbu, and Gary indicated meetings need to be tailored to each specific group, not always for all public. Shekar mentioned Zoom and Constant contact could be offered but not required. Dennis suggested communicating with each other to avoid schedule conflicts and professionalism is important so people know what's going on like Marilyn said. Jordan expressed not compulsory for using the resources. Shekar suggested putting the calendar. Ken expressed calendar on engage.aiaa.org/losangeles-lasvegs and aiaa-lalv.org. Khushbu felt those were good, and would not have to wait for the council meeting. Dennis suggested not centralized for one person to update the calendar. Shekar didn't like Engage. Ken will set up the Google Calendar for the meetings for specific groups and public events. (set up and sent out on Nov. 13 to the Council members). Jim mentioned the case in a previous council meeting and an outside participant in the council meeting related to his Career and Workforce Development but he was not asked or aware. Dennis supported the corresponding council officer need to be informed and the the council meeting schedule better arranged in

advance. Ken commented that meetings and events are not the only or the most important function for the council/officers and the professionalism, bylaw functions for the officers are important. Ken suggested just following the bylaw and it would be ok without the motion. Shekar still felt the motion is still needed that the specific chair / officer need to be contacted and can approve/participate if crossing over their functions. (6:57 PM) Motion passed 7 Yes, 2 No (Aldo voted yes by call-in voice, others voted by chat and participant "Yes" or "No").

6:59 PM – Chair's and Vice Chair's Report – Chandrashekar Sowane (Chair) and Fred Lawler (Vice Chair)

- Fred reviewed November 6 online STEM K-12 event with IEEE CLAS.
- Fred mentioned some local STEM K-12 / YP activities (non-AIAA) that could use some of the money gathered from the Saturday event ticket sales / donation. Shekar indicated the decision need to be made with the corresponding Chairs/Officers like Khushbu (STEM K-12) and Brett (YP)
- Fred presented Debrah Shepard's Career and Workforce Development proposal again,
- Fred presented the upcoming Annual Mars Rover Expo he has been doing for 8 years (AIAA/LA-LV had no decision/involvement) and mentioned some of the activities (like IEEE, CSULB AIAA Student Branch, and other exhibitors), with multiple agenda STEM K-12, YP, and others. Shekar indicated the corresponding Chair(s) like Khushbu could be contacted. Fred said Northrop Grumman might provide S-Cafe again in 2021 when things can be live. Shekar indicated in-person needs to be ok by the Council due to the concern of COVID-19 Pandemic but not right now. Khushbu asked if this was an AIAA event. Shekar and Jordan indicated if non-AIAA those could be just mentioned to the corresponding Chair(s) like Khushbu for STEM K-12, but no need to present in the Council Meetings.
- Fred mentioned the Region VI Student Paper Conference in CSULB. Dennis commented it would be from John Rose (Region VI Director). Dennis and Shekar talked about some possible fund support for CSULB but no request.
- Jim commented related to the passed motion that those Fred mentioned need to be consulted with the corresponding Officers/Chairs. Shekar mentioned the Student Conference needs to go through the proper Officers/Chairs. Khushbu also expressed not aware of the K-12 STEM issues of those Fred mentioned. Aldo mentioned it's better to clearly note if any Council action needed, and Jim is the corresponding Officer/Chair for the Debra Shepard's activities and need to be contacted, as this would be Region VI (not LA-LV Section) activity for the university students.

Activity Discussions and Updates:

- Membership & Awards – Aldo Martinez (Dialing in, voice only)
 - No charts due to Personal & Family emergency
 - Fred mentioned a chart from Region VI potential 217 students. Aldo mentioned if those college students on the charts decide to join AIAA they would be counted into AIAA members. And if they declared themselves as a student in LA-LV Section they would be counted into the LA-LV members. Their email addresses may or may not be added toward the contact depending on their willingness and if they would be within the LA-LV Section or in other Sections.
- STEAM K-12 Outreach – Khushbu Patel
 - October 2020:
 - STEMsational with AIAA (kids learn about planes and rockets)(Thanks to Brett and Aldo for discussions and support) on Oct. 23rd
 - November 2020:
 - Mars Event on Nov. 6, Bookclub (SpaceReads), and Company Spotlight (Relativity Space)

- USC+UCLA+CSULB AIAA group collaboration (monthly school group meetup to discuss mentorship, guest speakers, events, etc.)
 - Project Boom (Khushbu is the Avionics advisor on simulation etc.) Resume Tips (will ask Brett to participate if related)
 - SpaceRead (Book Club)
 - Company Spotlight: Will work with Ken to set things up.
 - December 2020:
 - Dr. Sian Proctor (food scientist for NASA and Mars) and other Astronaut speakers (in-progress)
 - Girls growth and young females engineers under-privileged
 - Working with Ken for the Annual Awards Dinner STEM K-12 Awards and will be a Science Fair judge.
 - Dennis mentioned maybe the council should re-establish a contact (Educator Chair) with the university students as STEM K-12 Outreach Chair would be only responsible for kindergarten to high school students, not universities. Ken explained it was the remaining situations from the previous Education Chair Manu Escobar (Boeing) transferred to Florida while Matt Mundy and Dean Davis (former K-12 STEM Chairs) were asked to help by former Section Chair Bob Friend for college affairs during Manu's stay in Florida. Manu and Ken started the Annual AIAA University Student Branches mini-Conference a few years ago. And the situation continued from that. Ken indicated some Events with the universities like field trips and student talks in regular Section public events within the Events/Program but didn't want to step into the Education Chair function. Aldo suggested continuing letting the STEM K-12 Outreach to assist as an interim Education Chair and Khushbu also wanted to do so and asked for such function before the next term/fiscal year. Dennis agreed and didn't continue his original suggestion to re-establish another university contact (Education Chair). Shekar asked Khushbu to include charts for the University affairs in the coming months' council meetings. Dennis felt it's good Khushbu to fill the gap between K-12 (Kindergarten to high school) and the YP (above college and under 35 years old), and the Career & Workforce Development, following the AIAA definition / bylaw of the Council / Chairs functions. Also as a side issue for contacting the outside women societies but will focus mainly on both the STEM K-12 Outreach Chair and the University Chair functions.
- Young Professionals Chair – Brett Cornick
 - Discussed “How to start an Aerospace Business with Limited Resources” multi-part series sessions
 - First Zoom Session on October 26 (Technology Transfer, SBIR’s, and Non-Dilutive Funding) spoken by Brett and Dennis. Got positive feedbacks from attendees. Easy to digest, thanks to Dennis.
 - Second session: Resources for filling out your team and building credibility on November 17. (IEEE-CLAS Sponsored obtained on November 11). 2 speakers confirmed.
 - Session 3: customer discovery and leveraging your network, likely on December 10. Two speaker confirmed (another might join) but the date could be adjusted.
 - Each event has the raffle of \$50 Amazon gift cards. Got the reimbursement from Marilyn, very easy and smooth process.
 - Shekar asked if those YP talks are aimed for the young people or to be expanded. Dennis indicated it was tailored for the young people for the basics, but for the regular/expanded version he would do it in the

Enterprise Program but would not elaborate here. Brett also mentioned his intention was only for the introductory subjects for newly graduates as he wished he would have known when he graduated from college a few years ago.

- Brett was transferred to Utah from Los Angeles temporarily (job still in Los Angeles but work remotely). He will be transferred to Washington D.C. / Virginia, outside the LA-LV Section. He will continue to serve as the YP Chair and attend the December Council meeting until end of December. Fred will help if Brett could not function before before the new YP Chair could be identified.
- Technical Chair – Gary Moir
 - Happy to support the New Space mini-Conference (for the technical papers etc.), but would be more interested in an event similar to the OC Section ASAT Conference for democratizing the aerospace topics. (Ken checked with the OC Section no conflict with the OC ASAT Conference). Shekar indicated speakers are tentative. Target date is a Saturday in April, 2020. Further details will be discussed between Gary (Technical) and Ken (Events / Program).
 - Next Wednesday for an Aero Alumni meeting.
- Public Policy – Jordan Chilcott
 - Discussed with HQ about Space Policy. Aeronautics paper from HQ last week.
 - This week Aerospace RnD, more funding, like hypersonic
 - Target audience of the HQ paper: Not for public, more for council members and congressmen/congresswomen.
 - Need to work on congressional support for RnD on
 - Reduced carbon mission for aircraft,
 - Commercial supersonic
 - Military hypersonic
 - Drones
 - Advanced Air Mobility (underrepresented area etc.)
 - AIAA identity: publication, lobbying, awareness, what AIAA stands for etc. Feed information for updating HQ and LA-LV websites.
 - Following regulations for keeping the AIAA non-profit status
 - Finding the right persons (private citizens and public figures) to contact / sell ourselves, why we should be considered as thought leaders. Currently we are not the major player in this. Advisory role? Lobbying? Or others. Trying to know those to follow the right process.
 - Next month: understand more the process so it could be conducted without getting troubles.
 - Suggestion for proposals/motions: keep track of the motions (proposals) and post on the website (Done on November 13, 2020 by Ken and will be updated as it goes along with the approved minutes.) It's an editorial process and statement of fact that will be maintained continuously.
- Enterprise Chair – Dennis Wonica
 - Regional Activity Meeting on 29 October, 2020:
 - AIAA expenses increased but incooms dropped. AIAA is drawing money from investment portfolio.
 - Virtual events like to continue till June, 2021.
 - AIAA Stands
 - E-membership program is no longer available for new members. Existing

- membership will expire after the 1-year term.
 - Congressional Visit Day (CVD) 2021 will be virtual (March)
 - CAT III fund available for projector purchase now. (Ken will propose/submit request for such projector as it has been asked for the Events/Program Fund/usage)
 - Region VI University Student Conference in CSULB is evaluating if in-person. CSULB suggested virtual.
 - Mentor program is launched, but through Engage only. Need to check with Jim Kowalski.
 - LA-LV Section Financial History
 - Dr. James Wertz used to hold Responsive Space Conference with LA Section and it made money. Physical conferences and paper publications made money, but not virtual events.
 - HQ has 6 Million Dollar assets but is looking into investment portfolio
 - Shekar indicated HQ has not provide the LA-LV Section for the portion of the membership dues.
 - ASCEND in November is virtual, might not gain money for HQ. If HQ loses money from ASCEND in November, the CAT II or III fund might be taken away, CAT I fund might be kept. Or they might take money from the Sections. In the past, HQ took LA Section Office to save HQ funds.
 - CMMC (Cyber Maturity Model Certification) Changes
 - New DoD regulation starting 1 December, 2020
 - If working in defense contracts, it's better to look into this. Please contact Dennis for more details. Some money might need to be spent for the process might be deductible.
 - Council member list updates:
 - Shown in Aerospace Magazine and Engage website, not really active and want to continue serving. It needs to be reviewed and updated.
 - Distributed new credit cards to Ken and Gary. Need to check the Constant Contact access, could be Dennis computer Windows update issues as well.
 - Fred asked why the Region VI Student Paper Conference in CSULB was concern. Dennis indicated Deputy Education Chair of Region VI just wanted to confirm if it would be virtual as CSULB suggested, from an email re-forwarded from Fred with Region VI finance planning on this Student Paper Conference. Dennis just wanted to be informed.
- Las Vegas Activities – Marty Waldman
 - Marty will present in the ASCEND for the micro/small nuclear power modular reactor grids. Marty flashed the charts to the councils for what he would be presenting in ASCEND.
 - History, politics of the Nevada micro/small nuclear grids
 - How it could power Nevada for a thousand years and for Moon/Mars missions.
 - Feed into Military into doing
 - Project Pele -> Then Lunar / Mars missions
 - Nevada's involvement with the KRUSTY project (Kilopower Reactor Using Stirling Technology)
 - Propulsion and surface power (Artemis missions, on Earth, Moon, and Mars)
 - 3 worlds, one common power source
 - Marty will present along with a nuclear expert next Wednesday during ASCEND.

- Treasurer – Marilyn McPoland
 - Marilyn left the meeting but asked Shekar to show the chart. Shekar left so Ken showed the charts for Marilyn.
 - Union bank balance: 31 October, 2020, an increase of \$199.63 to \$69,178.84 from \$68,975.91 (30 September, 2020)
 - Dennis asked Ken and Gary about the received cards, forwarded by Dennis. Both Ken and Gary confirmed the receipt of the cards.
 - Gary asked about how much the spending limit and Dennis said it needs to be checked for the per-day limit for the ATM card.

- Career and Workforce – Jim Kowalski
 - Asked future Career and Workforce Development issues to be directed / forwarded to him.
 - No response to the call for career development mentors yet.

- Event/Program – Kenneth Lui
 - Discussed upcoming events, November 21, December 5, December 12, December 19 and January 18 as of November 10, 2020. More might be added as it goes.
 - Fred asked about the participation of Mr. Alan Chan (Mars Driving Software speaker since 2019) for the January 18 Martin Luther Kings Jr. Day event. Ken explained it was not to focus on the Mars Driving Software but more on the minority and MLK Day celebration / panel discussion / sharing, not a long talk. It's more equivalent to the July Section African American Aerospace Professional event.
 - Last event (7 November, 2020) had 42 attendees, averagely 20-50 for the Saturday events. Ken understood some people might not be able to attend events on Saturdays and had discussions with Shekar about this but Saturdays had some advantages as well. Some speakers stayed within the event after his or her talk and joined the conversations for the next talks, enhancing the effect, unexpectedly.