



# CSRC Executive Committee Teleconference

## October Meeting Minutes – Approved

### by EC Quorum 01/22/2025

October 23 (Wednesday), 2024, 9:00-10:00AM

Zoom Link with Password:

<https://ucsd.zoom.us/j/8588222156?pwd=S3BtSGZHbEsyN0V4Zi8rMFI3V1R4UT09>

To Join by Telephone: 213-338-8477 (669-219-2599 or 669-900-6833)

Meeting ID: 858-822-2156; Password: 201512; Participant ID: press # to skip. If you need help, please call or text Maria at 858-822-8539.

- Welcome / Call to Order / Roll Call
- Approval Minutes and Review Agenda
  - Approve September Minutes – approved
  - Review of Agenda – any additional items
- Standing Reports
  - Director’s Report (Bock) – meeting conflict
  - Caltrans Report (Maxwell)
    - Service Contract Task Order with Kevin Maxwell as the Caltrans Project Manager  
Task Order Title: Statewide Geodetic Datum Proposed Dates: October 1, 2024, through September 30, 2025 Amount: \$237K
      - Contract is signed by Travis and in final stages.
    - Research Contract with Arvern Lofton as the Caltrans Project Manager  
Title: Statewide 3-Dimensional Motion Analysis for Optimal CTSRN Performance and Geospatial Data Management Proposed Dates: June 30, 2024 -June 29, 2025 Amount: \$350K
      - Contract in final stages
    - JACO Machine Works in CA to manufacturer SCIGN mount.
    - Development within Caltrans regarding showing coordinates on engineering plans without responsible charge land surveyor.
      - PE act – principle of trig, LS act – principle of mathematics. If coordinates are geodetic then it requires a surveyor.
    - Kevin working on RS, should datum statement be required or changed especially with NATRF coming? CSRC basis of coordinates and bearings statement should cover requirements but could include new acronyms for NATRF.
  - CA Geodetic Coordinator Report (Martin)

VOTING MEMBERS	PRESENT	
Chancellor UCSD: Dr. John Orcutt	yes	
Director IGPP: Dr. Peter Shearer		no
Director CSRC: Dr. Yehuda Bock		no
Chairperson: Humberto Gallegos	yes	
Vice-Chairperson: Steve Martin	yes	
Secretary: Timothy McKinney	yes	
Treasurer: Rich Maher		no
Member: Adrian Aguirre	yes	
Member: Kevin Maxwell	yes	
Member: Taleah Quemada		no
Member: Pat Tami	yes	
Past Chairperson: Kimberley Holtz		no
<b>QUORUM? (6 of 12)</b>	yes	
NON-VOTING MEMBERS	PRESENT	
NGS Advisor: Dana Caccamise	yes	
Executive Manager: Greg Helmer	yes	
CA Geodetic Coordinator.: Scott Martin	yes	
Coordinator: Maria Turingan	yes	no
Guest: Chris Sanatar (POLB)	yes	no

- Scott reported that Dana and him met with firm in Sausalito for protecting in place a NGS mark.
- Kevin invited Scott to Caltrans survey academy 1, Tues November 5<sup>th</sup> and he will be attending.
- Executive Manager Report (Helmer)
  - Some improvements to MGViZ, working to identify what to extract for DWR project.
  - Permitting for three more stations in November with one needing to go in before nesting birds.
  - Email thread with Eric Adney to coordinate Caltrans installs with DWR installs. Kevin to revisit email and continue coordination.
- Open Issues
  - CLSA Presentations (Taleah)
    - Need to work on this as CLSA is getting close to
    - Kim Oreno is no longer with Call Management ...
  - Steve – at last meeting Yehuda asked for an action item on manufacturer info for connecting to CRTN. Steve reached out and Leica and Trimble provided some resources and was interested in adding these to our website.
  - Kevin - Cal Poly conference and new ASPRS standards. How do we validate the values that we establish for the epoch updates? Greg - 2017.50 uses GLOBK Kalman filter which has as a byproduct a covariance matrix with 1 sigma error which we turn into 2 sigma. We used three independent online processors to validate 10 sites. The online processors were Jet Propulsion Laboratory Automated Precise Positioning Service, Natural Resources Canada Precise Point Positioning and National Geodetic Survey OPUS. See 2017.50 report: [https://sopac-csrc.ucsd.edu/wp-content/uploads/2020/02/CSRS2017.50\\_ProjectReport\\_Final\\_v2.pdf](https://sopac-csrc.ucsd.edu/wp-content/uploads/2020/02/CSRS2017.50_ProjectReport_Final_v2.pdf)
- New Business
- Announcements/Meeting Dates
  - **CSRC Coordinating Council (CSRC CC) Meeting, November 7, Sacramento DWR Offices** - Thank you for hosting Pat and DWR!
    - Presentations: National Society of Professional Surveyors (NSPS) Geodetic Certification, Scott Martin and DWR and GNSS Stations, Pat Tami; Fresno State.
    - Other presenters if needed or for the Spring or Fall 2025 meetings: Eric Albanese at PG&E, John Tosto at LADWP, and Andrew Chafer at Valley Water.
  - **Next Executive Committee Meeting Dates (4<sup>th</sup> Wednesday of the Month at 9 AM):** with the CSRC CC Meeting November 7<sup>th</sup> and the December holidays, we plan to resume meetings in 2025, January 22, February 26, March 26
- Adjournment – 9:55am