**Thursday, January 11, 2018**

1:00 PM to 3:30 PM

1500 Jefferson Street SE, Rm 2332

Olympia, Washington



**Geospatial Portal & WAMAS Steering Committees** (Monthly) **Minutes**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Item** | **Topics** | **Time** | **Lead** | **Action/Follow-up** |
|  | GPSC Welcome, introductions, assign recorder, adjust agenda | **1:00 PM**  (5 min) | Tim Minter, Chair |  |
| **Management & Data** | | | | |
| 1 | * [RCW 58.20 Washington Coordinate System](http://app.leg.wa.gov/rcw/default.aspx?cite=58.20&full=true) proposed changes – Draft bill discussion * [Geospatial Portal](http://geo.wa.gov/) Next Steps – open planning discussion * ArcGIS Enterprise Implementation – Technical Workgroup status (nee “Portal for ArcGIS”) * [WAURISA](https://waurisa.wildapricot.org/Washington-GIS-Conference) Conference – Call for Presentations – May 2018 | **1:05 PM**  30m  15m  8m  2m | Pat Beehler, State Surveyor, WA-DNR  All  Joanne Markert  Joanne Markert |  |
| **Infrastructure & Software** | | | | |
|  | * Hosting status * WaTech update | 10m  5m | Joanne  Bill Moneer |  |
| **Applications** | | | | |
|  | WAMAS Welcome, introductions, assign recorder, adjust agenda | **2:15 PM**  (5 min) | Joanne Markert  Winston McKenna |  |
|  | **WAMAS**   * Increasing Users   1. Administrative Office of Courts – review questions   2. Secretary of State – re-districting project   3. Ecology – new users for Excel Add-in   Are there any changes needed to support this increase of users?   * Migration Planning   1. Private Cloud vs DSHS   2. Workflow Improvements? * Grant Opportunity with NG911 * Data   1. Streetmap Premium   2. Changes to Pierce County roads (KPN and FI suffixes)   3. NG911 extract - is it getting closer to something we can use?   4. Status of MAF build * ArcGIS Enterprise Implementation – Technical Workgroup status (nee “Portal for ArcGIS”) | **2:20 PM** | Joanne / All  Joanne / All  Joanne  Joanne / All  David Wright  Joanne |  |
|  | **Closing Comments, adjournment**   * Next Meeting – February 8, 2018 – 2nd Thursday of each month | **3:25 PM**  (5 min) |  |  |

## Notes

### GPSC Welcome, introductions, assign recorder, adjust agenda

* Recorder: Joanne, Tim

### Management & Data

* [RCW 58.20 Washington Coordinate System](http://app.leg.wa.gov/rcw/default.aspx?cite=58.20&full=true) proposed changes – Draft bill discussion
  + Pat Beehler delivered a presentation and discussed the benefits and need for an updated spatial reference system.



* + Prior to the meeting, Pat provided this draft bill proposal.



* + Pat indicated that the steps to completion are:
    - Amend chapter 58.20 RCW. New language refers to National Geodetic Survey (NGS) so new iterations do not require a change to RCW.
    - Educate surveyors and GIS professionals
    - Promote the use of “One Zone” for GIS. This will require reprojection or other data and/or system configuration changes.
  + Questions
    - What do we need to do?
      * Brief our agency legislative liaisons. Ed Orcutt is bringing the proposed changes to the Washington State Legislature House Agriculture & Natural Resources Committee. <http://leg.wa.gov/House/Committees/AGNR/Pages/MembersStaff.aspx>
      * Alan Smith proposed a workgroup to develop a projection definition that we can all use. Pat indicated that NGS has developed these tools.
    - When do we need to do it?
      * Date – 2022 not yet established.
  + General Discussion
    - Pat noted that the change would result in larger coordinate values. David Wright indicated that that may pose a technical problem, and after a quick review determined that it would likely not be a problem. The coordinate values are described in the bill.
    - Consider values stored in a database, not GIS per se, but used for mapping and may be stored in older stateplane coordinate format
    - Work with Esri to review the datum transformations and confirm it is converting correctly for the new Datum 2022
    - Full implementation in 2022
    - Question: How often will the epochs change? Need to follow-up on this question
    - Standards from OCIO will need to be updated to reflect changes when voted into law
      * Promote use of “One Zone” for GIS – implement within Geospatial Portal? Topic for a future GPSC Meeting.
      * Law-to-Policy implications
        + <https://ocio.wa.gov/policy/16101-geodetic-control-data-standard>
        + <https://ocio.wa.gov/policy/16106-web-mapping-services-publication-standard>
    - Additional Information: XYHT Magazine, December 2017 Issue <http://www.xyht.com/magazine/xyht-magazine-december-2017-issue/>
* [Geospatial Portal](http://geo.wa.gov/) Next Steps – open planning discussion
  + Open Data tagging – need standard tags. It’s an issue right now that makes it difficult for aggregators to categorize and present logically. Tagging will be discussed in the scheduled follow-up Open Data workgroup meeting – “Open Data Check-in” Wednesday, January 17, 2018.
  + Joanne provided an update – Imagery available to funding state agencies is being migrated to the WaTech private cloud environment. Publicly available will be migrated next –expect week of Jan 15th to start. Public imagery will be shared via the open data site and tagged as imagery.. The team needs to establish a server, migrate the data and services, and share to the open data group. HTTPS has been enabled in the new environment. Timeline for testing is end of January, beginning of February before cutover to new servers
  + Expect to use certificates and DNS changes to make the switch. Service Notification will be sent out.
  + Agencies requested that the imagery be available via HTTPS and HTTP. Joanne will check on this and follow-up.
  + Joanne noted that more than one imagery service refers to the same source data. It looks like we changed names, but we didn’t retire the old one. Which one is it? The group discussed and determined that the service with “color” in its URL will be retired.
  + George Alvarado – need to communicate the availability of geo.wa.gov to data consumers. Joanne noted that the upcoming WAURISA conference could be an opportunity to do that. Also, StateScoop and WaTech communications folks may provide opportunities. Alan Smith has DOT staff who can help with presentation graphics. Tim Minter noted that there is a Washington State Tableau user group to whom we could reach out. Alan suggested that we consider fixing the tags and tuning up the site before promoting to data consumers. Alan also noted that – Eric Hagenlock (who had to leave the meeting early) is in contact with counties, and may be able to use his connections to communicate as well.
* ArcGIS Enterprise Implementation – Technical Workgroup status (nee “Portal for ArcGIS”)
  + Joanne has scheduled “Portal implementation workgroup” sessions with participants. David Wright expressed satisfaction with Esri’s recent licensing level revisions.
* [WAURISA](https://waurisa.wildapricot.org/Washington-GIS-Conference) Conference – Call for Presentations – May 2018. Topics?
  + Open Data
  + Imagery program
* General Discussion
  + Alan Smith asked if anyone is being successful with Insights for ArcGIS. Winston McKenna said that L&I is having success. Someone in the room noted that DFW is having success as well.
  + Joanne noted that several ideas for technical workgroups have been submitted. After the “ArcGIS Enterprise Implementation” workgroup is wrapped up, we can prioritize this list for additional workgroups. Send other ideas to Joanne for consideration.
    - Accessibility
    - Managing Data/ Strategies with the new technologies
    - Monitoring of Services
    - License optimization techniques
    - Open GIS technology
  + Christina noted that Ecology is serving parcels and Urban Growth Area data for download. They are planning to retire activity and transfer responsibility to OCIO and retire the services from the Ecology website. Rich Kim is acquiring new parcels data now. Christina or Rich could provide a status update at the February GPSC meeting. David Wright noted that DOR is doing a normalization process as well. Joanne asked if there is opportunity for Ecology to take an annual cut of DOR’s parcels product and use it in their business processes in order to reduce duplication of effort. Discussion ensued.

### Infrastructure & Software

* Hosting status
  + No discussion
* WaTech update
  + Bill Moneer said that his team is waiting for Joanne to migrate off of the servers that they support. Bill noted that he will bill Joanne this month for the last 7 months for the servers. Joanne and Bill agreed to discuss further outside of the meeting.

### Applications - WAMAS

* Increasing Users
  + Administrative Office of Courts – review questions
    - Devs have provided feedback
  + Secretary of State – re-districting project (want a ballot to go to every registered voter and assure each knows where their polling place is and can update their registration online).
    - Had issued RFP requesting a vendor develop geocoding services for them.
    - David W: ~6 years ago, had a GIS team, got released.
    - They expect to use WAMAS for geocoding services.
  + Ecology – new users for Excel Add-in
    - Craig – need to review the VB.Net code and update for modern systems.
    - Christina – when there is a production environment, should reach out to everyone who is being charged and let them know it’s available.

Are there any changes needed to support this increase of users?

* Migration Planning
  + Private Cloud vs DSHS
    - Not enough funding for the DSHS proposal. Private cloud work with Chris Marsh is going very well. Using imagery as the test case for private cloud. David Wright – what is cost differential between PC and DSHS? $15k if we get rid of 1 StreetMap Premium license. $4.5 K is we get rid of 1 FME license. We currently have 2 of each. May have federal grant funding opportunity from NG911. JM – would it be worth while to spin up a VM for testing?
    - David W – PC vs. VMs not essentially different. Only difference is that we have no visibility into resource allocation. WAMAS developers could have access to PC to manage their own VMs. Less of a challenge to do work. More self-serve. Still have F5 firewall challenges. Plan that Joanne is looking at for the PC includes support and Disaster Recovery (DR).
    - Christina K – who’s the application administrator for ArcGIS Server site? Joanne & Chris Marsh.
  + Workflow Improvements?
    - First step is to test the private cloud for WAMAS. Targeting first part of February to get a test server up for ArcGIS Server. FME and SQL would be next.
    - Need to review Excel Add-in – doesn’t work with newer version of Excel
* Grant Opportunity with NG911
  + Joanne is pursuing with NG911 office at Camp Murrary
* Data
  + Streetmap Premium
    - Goal is to try to get rid of both licenses. DW – were tying into street and zip code geocoding.
    - DOR is looking at generating a ZIP Code layer. Based on points generated for sales tax. DOR – update quarterly. USPS releases updates Monthly. Might be opportunity for OFM, DOH to provide SADE data using the DOR ZIP Code boundaries.
    - Decision needs to be made about StreetMap Premium license that DSHS is using. Steve, George, and Joanne will discuss.
  + Changes to Pierce County roads (KPN and FI suffixes)
    - Funky address elements are coming off within one year due to NG911 requirements.
  + NG911 extract - is it getting closer to something we can use?
    - Yes, but is still not everything needed to use instead of Streetmap
  + Status of MAF build
    - Another deliverable end of February. Holiday build ran into performance issues with deduplication. Going to just run unique records - ~4.5m records. Build6 when released. Build9 internally. Currently some issues in Benton County, town of Prosser.
  + Craig found error in StreetMap Premium that puts an address in the wrong Legislative district. Ran a test and put the MAF before StreetMap Premium and it came out right. Recommendation is to go ahead and re-order the geocoding services. DSHS is not currently using MAF. WAMAS can shift without impacting DSHS.
* ArcGIS Enterprise Implementation – Technical Workgroup status (nee “Portal for ArcGIS”)
  + Quick review.

### Closing Comments, adjournment

* Next Meeting – February 8, 2018 – 2nd Thursday of each month

## Action Items

* Tim will add ECY Parcels data update status to the February meeting

## GPSC Participants

[Agency Codes and Authorized Abbreviations](http://www.ofm.wa.gov/policy/75.20.htm) | participating in today’s meeting – Tom Shindler

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| --- | --- | --- | --- | --- | --- |
| **Org** | **Representative** | **Also participating** | **Org** | **Representative** | **Also participating** |
| DNR | Brad Montgomery | Betty Austin, Terry Curtis, Abby Gleason, Jeffrey Holden, Caleb Maki, Pat Beehler | COM | Allan Johnson |  |
| DFW | Brian Fairley | Randy Kreuziger, Chris Marsh | PARKS | Brian Hall |  |
| DOT | Alan Smith | Tess Starr, Jordyn Mitchell, Julie Jackson, Eric Jackson | DOL | Tom Williams | Beth Plunkett |
| ECY | Christina Kellum | Rich Kim | RCFB | Greg Tudor |  |
| DSHS | Tim Minter | George Alvarado, Steve Leibenguth | TSC |  |  |
| DOR | David Wright | Austin Hildreth | JLS | Brad Ellis |  |
| DOH | Craig Erickson | Scott Kellogg | CRAB | Eric Hagenlock |  |
| L&I | Winston McKenna | Bryan Huebner | DAHP | Morgan McLemore |  |
| WSP | Louis Hurst |  | UTC | Brian Gillespie | Rey Dejos |
| DES |  |  | PSP | Greg Tudor |  |
| OFM | Mike Mohrman or Tom Kimpel | Laurie Wood | SCC | Brian Cochrane |  |
| LCB | Kevin Duffy |  | WSRB | Chris Jansen |  |
| AGR | Perry Beale |  | LEAP | Curtis Gilbertson |  |
| SPI | Cathy Walker |  | OCIO | Joanne Markert | Jenny Konwinski, Will Saunders |
| MIL | Rick Geittmann | Jonathan Cochran, Matt Modarelli, Albert Cisse, Dan Miller | WaTech | Bill Moneer |  |

## WAMAS Meeting Participants

Winston McKenna, Christina Kellum, David Wright, Craig Erickson, George Alvarado, Steve Leibenguth, Jenny Konwinski, Tim Minter, Joanne Markert, Greg Tudor, Dan Miller, Tom Kimpel, Tom Shindler

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| --- | --- | --- | --- | --- | --- |
| **Org** | **Representative** | **Also participating** | **Org** | **Representative** | **Also participating** |
| OCIO | Joanne Markert | Jenny Konwinski | WaTech | Bill Moneer |  |
| DSHS | Steve Leibenguth | Tim Minter, George Alvarado | DOR | David Wright |  |
| LNI | Winston McKenna | Bryan Huebner |  |  |  |

## References

### Geospatial Portal

* [December 2017 meeting minutes](https://ocio.wa.gov/sites/default/files/public/Geospatial/WA-OCIO-GIT-GPSC%20WAMAS%2020171214%20Minutes.docx)
* [Geospatial Portal – Shared GIS Infrastructure](http://ocio.wa.gov/geoportal-shared-gis-infrastructure)
* [Geospatial Portal Technical Resources](https://ocio.wa.gov/geoportal-shared-gis-infrastructure/geoportal-technical-resources) > [Portal Operations – Roles & Responsibilities](https://ocio.wa.gov/sites/default/files/public/Geospatial/Geospatial%20Portal%20Operations%20Roles%20and%20Responsibilities%20V4.0.pdf)
* [Geospatial Portal Steering Committee](https://ocio.wa.gov/geographic-information-technology-git-committee/geospatial-portal-steering-committee)
* [Geographic Information Technology Committee](https://ocio.wa.gov/boards-and-committees/geographic-information-technology-git-committee-0)
* [Washington State Office of the Chief Information Officer](http://ocio.wa.gov/)

### Washington Master Addressing Services

* [Washington Master Addressing Services (WAMAS)](https://ocio.wa.gov/geospatial-program-office/washington-master-addressing-services-wamas)
  + [Training Guide](http://wa-geoservices.maps.arcgis.com/apps/MapJournal/index.html?appid=db7a2b3b33184692a3d473ec04776127)
  + [Technical Support](https://ocio.wa.gov/washington-master-addressing-services-wamas/wamas-technical-support)
  + [Technical Documentation and Flyers](https://ocio.wa.gov/washington-master-addressing-services-wamas/wamas-technical-documentation-flyers)
  + [Accessing WAMAS Services](https://ocio.wa.gov/washington-master-addressing-services-wamas/accessing-wamas-services)
* [Master Addressing Steering Committee (WAMAS)](https://ocio.wa.gov/geographic-information-technology-git-committee/master-addressing-steering-committee-wamas)

### Washington State Office of the Chief Information Officer Policies

* [All](https://ocio.wa.gov/policies) | [Geospatial](https://ocio.wa.gov/policies?combine=geo) | [Open Data](https://ocio.wa.gov/policies?combine=Open+Data) | [Security](https://ocio.wa.gov/policies?combine=secur)