



COMMONWEALTH of VIRGINIA
Virginia Geographic Information Network Advisory Board

Meeting Agenda

July 24, 2019, 10:00 AM

Virginia Information Technologies Agency
 James Monroe Building - 16th Floor Conference Room
 101 North 14th Street, Richmond, VA 23219

Joe Sewash
 VGIN Coordinator
 (804) 298-3123

Terry D. Mayo
 Board Administrative
 Assistant
 (804) 786-0517

Delegate James A. Leftwich, Jr.
 Chairman
 78th District

Douglas Richmond
 Vice Chair
 Virginia Association of
 Surveyors

Senator Adam P. Ebbin
 30th District

Senator David R. Suetterlein
 19th District

Delegate Lashrecse D. Aird
 63rd District

Delegate Glenn R. Davis, Jr.
 84th District

Delegate Thomas C. Wright, Jr.
 61st District

Nelson P. Moe
 CIO of the Commonwealth
 (VITA)

Dr. Hua Liu
 Old Dominion University

Elaine Roop
 VA811

Stephen Moret
 Director of VEDP

Clyde Cristman
 Director of VDCR

Stephen C. Brich
 VDOT Commissioner

John Watkins
 Private Business

Pravin Mathur
 Private Business

Turner Perrow
 City of Lynchburg

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| 1. | Call to Order | Chairman |
| 2. | Approval of Meeting Minutes | Chairman |
| 3. | Data Governance Framework for Virginia | Carlos Rivero, Chief Data Officer |
| 4. | VGIN Update | Joe Sewash, VGIN Coordinator |
| 5. | National Spatial Reference System / 2022 Datum Update | Vickie Anglin, Fairfax County |
| 6. | Next Generation 9-1-1 Deployment and GIS Update | Stefanie McGuffin, ISP Operations Manager
Matt Gerike, VGIN Geospatial Program Specialist |
| 7. | VGIN Strategic Planning: Update | Joe Sewash, VGIN Coordinator |
| 8. | Review of VGIN Advisory Board and VGIN responsibilities in Code of Virginia | Joe Sewash, VGIN Coordinator |
| 9. | Old Business | Chairman |
| 10. | New Business | Chairman |
| 11. | Public Comment | Chairman |
| 12. | Meeting Adjournment | Chairman |

**NEXT ADVISORY BOARD MEETING
 NOVEMBER 13, 2019**

VGIN Advisory Board Meeting
 Wednesday, July 24, 2019, 10:00 AM
 James Monroe Building
 101 N. 14th Street, 16th Floor

MEMBERS PRESENT:	Delegate James Leftwich - Chairman	Douglas Richmond – Vice Chairman
	Delegate Tommy Wright	Zeta Wade for Nelson Moe
	Delegate David Suetterlein	Pravin Mathur
	John Watkins	Sunny Sanders for Stephen Moret
	Turner Perrow	Murali Rao for Stephen Brich
MEMBERS ABSENT:	Senator Adam Ebbin	Clyde Cristman
	Delegate Lashrecse Aird	Hua Liu
	Delegate Glen Davis	Elaine Roop
ATTORNEY GENERALS OFFICE:	Robin McVoy	
STAFF PRESENT:	Joe Sewash	Terry Mayo
	Steve Marzolf	Wendy Stout
	Dorothy Spears-Dean	Matt Gerike
	Stephen Barbie	Zeta Wade
	Stefanie McGuffin	

1. **CALL TO ORDER**

Chairman Leftwich called the meeting of the VGIN Advisory Board to order at 10:02 AM. Chairman Leftwich thanked everyone for being in attendance, and asked everyone to introduce themselves.

2. **APPROVAL OF MEETING MINUTES**

Chairman Leftwich asked for a motion to approve the Minutes of April 17, 2019. A motion to approve the Minutes of April 17, 2019 was made by Vice Chairman Richmond, and 2nd by Mr. Turner Perrow. The Minutes of April 17, 2019 were approved; **10-0-0**.

3. **DATA GOVERNANCE FRAMEWORK FOR VIRGINIA**

The Chairman informed the Board that Carlos Rivero, Chief Data Officer for the Commonwealth of Virginia, will give a presentation on Data Governance Framework for Virginia. Mr. Rivero addressed the Advisory Board and said data governance increases the value of data over time, improves productivity, increases the value of data assets, and supports data discovery and sharing. He said the commonwealth will promote secure data sharing. Mr. Rivero then went over the four strategies of data management. He said that data is supposed to support the mission goal. He talked about some of the things he is working on currently such as: data inventory and catalog; data sharing and analytics; data governance; and data talent development. Delegate Tommy Wright asked about the Southwest Virginia Higher Education Center and other community colleges working with the internship side of data talent development. Mr. Rivero said that he would be happy to have the conversation about including the Southwest Virginia area with Delegate Wright. Mr. Rivero said that discussions have been ongoing with the Community Colleges including the rural communities. Mr. Marzolf informed the Advisory Board that Mr. Rivero was invited to address the Advisory Board to acknowledge potential opportunities to leverage investments and work in the areas of geospatial as commonwealth strategies are developed.

4. **VGIN UPDATE**

Coordinator Joe Sewash addressed the Advisory Board and said it has been a busy time for VGIN. VGIN has identified several priorities for now until November. Some of the priorities are to support NG 9-1-1 boundary dataset development and GIS data quality improvements; strategic planning activities such as plan drafting and continued outreach and startup of agency and locality advisory groups; infrastructure replacement; ortho deliveries; and establish a roadmap to review and refresh data standards.

5. **NATIONAL SPATIAL REFERENCE SYSTEM/2022 DATUM UPDATE**

Coordinator Sewash informed the Advisory Board and said Vickie Anglin of Fairfax County will address the Advisory Board on the National Spatial Reference System (NSRS) 2022. Ms. Anglin is a member of the Virginia Association of Surveyors. She said that the National Geodetic Survey under NOAA has been working to develop NSRS for the past several years. She said they are moving from a satellite derived position, and will be more correctly “Earth” centered. Ms. Anglin said it will be a “dynamic datum” positioning. Delegate Leftwich asked Ms. Anglin if legislation is needed to fix this as it will impact the “Title Industry”. Ms. Anglin said that she had not thought of it, but this is going to be looked at, as it is important,

as it could be a problem. She talked about GPS on Benchmark. She talked about the economic impact of this change. Ms. Anglin said that “Regulatory and Municipality” is another impact that is a result of the change.

She talked about the timeline. When the survey starts, it will be controlled for the entire lifecycle. Policymakers have to determine the timeline which impacts the GIS world. Managers will have to determine how they use their data at the aggregate level and not the attribute level. Ms. Anglin asked the Advisory Board Members to look at the outreach list and let her know if there is someone not on the list that should be included. Vice Chairman Richmond said that some of these changes have happened in the past. He said the positioning has changed. He said that we now have a big difference now because of the changes that have already occurred. He said this is a good opportunity for VGIN to take a leading role and work with other organizations to bring about the change. Coordinator Sewash said that National Geographical Survey is still working on the changes until 2022. He asked Ms. Anglin if there are things that we still need to be engaged into to bring this forward. She said that they put out a notice in late 2018, and it said that each state has to have one qualified response (only a unified response). In the absence of a response from a state, they will get a default. She is unclear on how they work on overlaying coordinates (some details has not been worked out). Mr. Perrow said that he is an Engineer, and he understands, but he is trying to figure if the changes we are talking about are “miles” or “inches” changes? Also, when does it become a problem with citizens? Ms. Anglin said that what she thinks is that the information coming from the satellites is constantly updated, and cell towers 911 phone data is based on that, so the location coming from a cell phone will be constantly dynamic. The placement of the address in GIS is going to be epoch of the data the GIS Manager has determined it will be. The problem is how frequently the dataset will change, and it will be determined by money, etc. She clarified that going to the wrong address will not be a problem. Vice Chairman Richmond said that this is a problem he has to deal with on the West Coast all the time. They have to run things through a formula all the time because of the earthquakes, etc. Ms. Anglin said that California is used to this, but need to urge for specific metadata to be determined in the future. Murali Rao said that in transportation they deal with inches changes all the time. He asked if on the surface for practical guidance, what we tell our constituents. Ms. Anglin said she does not know what the error of magnitude will be, and about getting the information to the constituents. She thinks that it should be directed to the National Geographical Survey Group. She also said she would be glad to facilitate a meeting. Senator Watkins asked about how much Richmond has moved. Vice Chairman Richmond said it has moved about a meter.

6. NEXT GENERATION 9-1-1 DEPLOYMENT AND GIS UPDATE

Steve Marzolf addressed the Advisory Board on behalf of Stefanie McGuffin and gave a brief overview of Next Generation 9-1-1 Deployment. He informed the Advisory Board that Virginia Beach has put out a notice of intent to award to AT&T. Mr. Marzolf said that the pricing is the same, and staff does not have to do anything different for the localities in Virginia. He also said that AT&T competition is Motorola, and staff has run into some issues with Motorola. As a result of the delays the schedule has been delayed. He commented now the schedule can go forward. The entire region from Fredericksburg to Winchester has signed with AT&T. AT&T and West have been looking at the data throughout Virginia. Mr. Marzolf said that AT&T can't believe how well the quality of the work. Northumberland County is the best data in Virginia. Mr. Marzolf talked about the "dashboard". He said it is on the ISP website. He said it is interactive. Mr. Marzolf gave a demonstration. He informed the Advisory Board that if you would like to see what is going on in their community, they can go to the website and see how it is progressing. Mr. Watkins asked about Henrico, Chesterfield and Hanover. Mr. Marzolf said he expects them to move forward fairly quickly. Mr. Rao asked about the fiber installation. Mr. Marzolf said he understands that it is new installation. Mr. Marzolf said that they have certified FirstNet. They are upgrading from 4G to 5G soon.

Matt Gerike addressed the VGIN Advisory Board and talked about finishing up the 2019 training and supporting localities in the databases. The map shows where report cards program have been run. He said that the map does not represent the quality of the audit; it just shows the completion of the project. He talked about some of the data needed for Next Gen 9-1-1 that does not current exist. He said that the data needs to be created. He is encouraging localities to work together, and not duplicate data in the system. He showed a dashboard view of where VGIN is on the report card program. He said it is similar to the implementation dashboard Mr. Marzolf just went over. He asked for questions, and there were none.

7. **VGIN STRATEGIC PLANNING UPDATE**

Coordinator Sewash addressed the Board and gave an update on the VGIN Strategic Plan for 2020-2022. He said that VGIN is on a three year timeframe plan for the Strategic Plan, and that all activities are aligned across the Integrated Services Division. VGIN's primary focus is on building enterprise engagement that will be completed with ISP resources. He said that VGIN will also engage all spectrums for the Commonwealth through agencies, localities, higher education, businesses, and citizens. Mr. Sewash then went over the timeline for completing these tasks with the final update being done through the November-January timeframe.

8. **REVIEW OF VGIN ADVISORY BOARD AND VGIN RESPONSIBILITIES IN CODE OF VIRGINIA**

Chairman Leftwich said Mr. Marzolf will go over the review of the VGIN Advisory Board and VGIN Responsibilities in Code of Virginia. Mr. Marzolf referred the Advisory Board to the two documents in their packets, and gave a brief summary of what the changes staff is proposing which includes expanding the Advisory Board by two participants from local government GIS directors or managers representing diverse regions of Virginia.

Mr. Sewash addressed the Board and said that this review is an attempt to generate some feedback from the Advisory Board. He advised the Advisory Board that this information was previously distributed to them prior to this meeting. A discussion from the Advisory Board was held, and it was determined that staff would meet with the Attorney General's Office about the recommendation they are recommending. Delegate Leftwich said that he would like to address the proposed changes as a whole. He said he would recommend that staff minimize the word changes here and there. He wonders how much of this is necessary. Senator Suetterlein said he agrees with Delegate Leftwich's statement. He also said he agrees with not removing some of the language in the code. He recommends leaving it there. Senator Watkins said that he has read through and has no problem with the changes suggested, but the comments made by other Advisory Board members are valid, and that there is no need to remove some of the language already included. He said that he would just go forward and introduce the legislation to include two new Advisory Board members. Mr. Sewash said that the recommendation from the Attorney General's office should be taken and the other input is a "good to have," but not necessary. He asked if everything else is taken off the table with the exception of the addition of adding the two additional Advisory Board members is that acceptable? The Chairman and Advisory Board members said that would be agreeable.

9. **OLD BUSINESS**

None.

10. **NEW BUSINESS**

None.

11. **PUBLIC COMMENT**

Chairman Leftwich asked for public comment. There were none.

12. **MEETING ADJOURNMENT**

Chairman Leftwich adjourned the meeting of the Advisory Board at 12:02 PM.

Respectfully Submitted: _____

Terry D. Mayo

Date