March Meeting
3/10/2021

AGENDA

1. Announcements
2. Esri Update
3. LRS Functionality in AGOL
4. Open Discussion

**** Please mute phones!! ****

ANNOUNCEMENTS

- GeoNet Updates
- NSGIC Mid-Year
- GIS-T Virtual Conference

Esri Updates

Nathan Easley

LRS Functionality in AGOL

Patrick Whiteford & Jim Mitchell

- Oversized/Overweight Vehicle Routing
- Reference M Value
- No editing the LRS
- Crew Routing
- Referencing Data
- Integration of XY
- Event management functionality
- Temporality functionality
- Connect R&H tools with Survey 123,
- ArcCollector and Workforce tools

Upcoming Meetings / Contacts

Wednesday April 14th, 1:30-3pm

Contact Info:

Erin Lesh ealesh@ncdot.gov

Patrick Whiteford pwhiteford@azdot.gov

Capabilities currently under development

- **Reverse Route**

- **Reverse Route Event Behavior**

- **Cartographic Realignment: Update measures when centerline geometry length changes**

- **Cartographic Realignment: Honor Referent Behavior**

Support Incidents/Defects

Other Announcements

- **10.8.1/10.7.1 patch**
- **Holistic Testing at GIS-T**

Q1.Select your #1 functionality need.

	Answers	Results	%
A	Oversized/Overweight Vehicle Routing	1/107	1
B	Reference M Value	11/107	10
C	No editing the LRS	3/107	3
D	Crew Routing	0/107	0
E	Referencing Data	9/107	8
F	Integration of XY	5/107	5
G	Event management	13/107	12
H	Temporality	2/107	2
I	Connect R&H with Survey123	8/107	7
J	ArcCollector and Workforce tools	4/107	4
	No Answer	51/107	48

Q2.Select your #2 functionality need.

	Answers	Results	%
A	Oversized/Overweight Vehicle Routing	5/107	5
B	Reference M Value	8/107	7
C	No editing the LRS	0/107	0
D	Crew Routing	1/107	1
E	Referencing Data	5/107	5
F	Integration of XY	6/107	6
G	Event management	15/107	14
H	Temporality	4/107	4
I	Connect R&H Tools with Survey123	2/107	2
J	ArcCollector and Workforce tools	5/107	5
	No Answer	56/107	52

Q3.Select your #3 functionality need.

	Answers	Results	%
A	Oversized/ Overweight Vehicle Routing	4/107	4
B	Reference M Value	1/107	1
C	No editing the LRS	6/107	6
D	Crew Routing	1/107	1
E	Reference Data	5/107	5
F	Integration of XY	6/107	6
G	Event management	6/107	6
H	Temporality	13/107	12
I	Connect R&H tools with Survey123	4/107	4
J	ArcCollector and Workforce tools	3/107	3
	No Answer	58/107	54

from Erin Lesh to everyone: 12:34 PM
If you're joining late, we have switched up the agenda to start with LRS functionality in AGOL. We'll come back to general announcements and Nathan's update later in the meeting.
from John W to everyone: 12:47 PM
Audio is cutting out?
from brian bieber to everyone: 12:51 PM
i think you need to add the results across all three questions for the top 3 priorities?
from Erin Lesh to everyone: 12:54 PM
Audio has been clear for me. Anyone else hearing it cut out?
from Michael Clement to everyone: 12:54 PM
geometryToMeasure and measureToGeometry services in AGOL would be helpful
from Erin Lesh to everyone: 12:54 PM
Yes, agreed Brian
from Aaron Ferrari to everyone: 12:55 PM
Geometry to measure / identify route measures functionality.
from brian bieber to everyone: 12:55 PM
agree with Michael on the services, add Translate to that
from Sam Coldiron to everyone: 12:56 PM
On Item 2, It would need to not only be "Click a point, get an M measure", but it also needs an "Enter a RouteID and Measure(s)" and get a point or line highlighted or pinned on the webmap.
from James Graham to everyone: 12:56 PM
Related to 311 is also connections to network analysis. Being able to use the LRS in different contexts is a key to ensuring that it's truly leveraged as an 'enterprise' asset.
from Kevin Hunt to everyone: 12:58 PM
I agree with Michael and Sam on geometry2measure on a user selected route needs to be addressed. Many of us are doing alot of postprocessing to gather LRS location for field based asset inventories.
from brian bieber to everyone: 12:59 PM
Agree with Kevin on lot of post processing being done.
from brian bieber to everyone: 12:59 PM
Although if Survey123/Collector would be RH cable, this might disappear.
from brian bieber to everyone: 12:59 PM
capable not cable
from Amit Hazra to everyone: 1:01 PM
The user stories you all (RHUG community) are offering are important to provide visibility to our Product team as to why bringing M to the API is critical. I see many of these offerings as derivatives to the foundational need: M awareness in the API.
from Abhishek Bhargava to everyone: 1:01 PM
Switching LRMs (Not just the m-values, but any referrent offset LRM to Measures and vice versa). Also, ability to query using any of the concurrent routes.
from Pedro Zanoguera to everyone: 1:01 PM
LRS and Geocoding
from James Graham to everyone: 1:04 PM
Nodding in agreement to what Jim M. is saying
from Nicole Hanson to everyone: 1:07 PM
Is that the Export Network weirdness?
from Nicole Hanson to everyone: 1:08 PM
And will there be more seats for the Holistic Testing? All 30 were taken before I had a chance to get registered for GIS-T

from Sarah Wray to everyone: 1:09 PM
Nicole -- You're on the list
from Yueming Wu to everyone: 1:09 PM
Save two seats for WVDOT please. TY.
from Nicole Hanson to everyone: 1:10 PM
THANKS SARAH!
from Sarah Wray to everyone: 1:11 PM
1st come 1st serve as part of registration
from Sarah Wray to everyone: 1:11 PM
2 seats currently available
from Ryan Koschatzky to everyone: 1:18 PM
https://community.esri.com/t5/roads-and-highways-user-group/gh-p/roads-and-highways-user-group-rhug