

STREAMS Subcommittee Meeting

December 16, 2025

Microsoft Teams Meeting

Attendees: Brian Davis (USFWS), Frederick Drascic (ODFW), Jeff Fryer (CRITFC), Brian Knoth (IDFG), Mike Ackerman (NPT), Randy Johnson (CCT), Matthew Stilwater (WDFW), Derrek Faber (ODFW), Brady Allen (BPA), Gabriel Brooks (PSMFC), Kory Kuhn (YN), Zack Mays (YN), Daniel Wilson (PSMFC), John Tenney (PSMFC), Sebastian Dudek (PSMFC), Nicole Tancreto (PSMFC), Gordy Axel (PSMFC)

Review of Action Items from last meeting

- Nick Porter about disabling GPS on BPR reader
- Derrek, continuing to pursue

PSMFC Announcement

- Gabriel Brooks is now employee of PSMFC, continuing estuary part of R&D project that was run under NOAA previously
- Jesse Lamb and Sandy will be taking on the NOAA part
- PSMFC will now be developing technology and NOAA will evaluate it

PTAGIS Updates

- No new updates to M5, a few updates to I5
- P5 was released
- Working on moving to the cloud
- Kennewick working on BON ice and trash sluiceway detection system, plan to install by the end of March (depending on USACE funding)
- Building antennas for Klickitat Hatchery rebuild, adult and juvenile antennas, plan to be operational this summer
- Working on Cle Elum detection system with BOR, planning for end of next year
- Planning detection for MCN, current plan is to slide a matrix antenna in an upstream gate slot on a TSW bay
- PTSC Meeting planned for the end of next month

Raspberry Pi SOP updated

- Using Starlink at a couple of sites

- Using Tailscale as a VPN to securely access the Rpi
- PSMFC using starlink at a few sites and it is working well
- PTAGIS will publish the new SOP

Roundtable

Derrek Faber: new system at Lookingglass Hatchery; plans to refit ladder in Catherine Creek; upgraded Wenaha system over the summer

Brady Allen: working on contracts, CO's are asking for many months lead time; also reminder that there is a discount for BPA projects – reach out to Brady for a catalog; was able to tour some sites with flexible antenna installs with Zack Mays.

Jeff Fryer: (Couldn't hear update)

Randy Johnson: Looked at PIT barge with Matt Stilwater and would like to get one up and running in the future to improve juvenile detections

Brian Knoth: Continuing to run same sites, status quo

Mike Ackerman: Developing R package for juvenile survival analysis, focused on screw traps and e-fishing, planning for a beta in 3-6 months, more reach-specific survival estimates, will share when ready. Parsing files but PTAGIS can provide records instead of the data files.

Matt Stilwater: Upgrading Mux sites to IS1001 MCs in Wenatchee, next year for Methow. Running 2 PIT barges. Major flood damage needs to be evaluated. Planning for an array on the lower Wind River in Skamania County. Loaned the flexible array for use in the Ballard Locks, using them stationary instead of in a trawl.

Zack Mays: some flood damage in Yakama basin, focused on installing barge in the lower river, below 240 bridge and Dinosaur Island – anchors have been deployed, next step is to assemble barge and put in place

Kory Kuhn: removed floating array for winter to prevent ice damage, didn't fare too badly in the floods

Brian Davis: installed two antennas in Gibbons Creek, national fish hatcheries are running seasonally, Gabriel has an SOP for purging cables to salvage them from water damage

Testing of Tags Not Selected for BPA Contract

PTAGIS tests tags for BPA bulk purchase contract, this document describes that process: [comprehensive-pit-tag-evaluation-procedure---rev-2.pdf](#). Tags that meet spec are listed in this [FAQ](#) and the tag mask is added to the PTAGIS validation codes.