

2024 PIT Tag Workshop Agenda
January 30 - February 1, 2024

Topic	Title	Presenter	Time Slot
Tuesday January 30			
Registration	Sign in and Set up	PSMFC Staff	10:00 - 12:00
Workshop Opening	Invocation and Opening Words from Chief of the Klickitat	Wilbur Slockish	13:00 - 13:15
	Origins On The Use Of PIT Tags In Fisheries: A Retrospective Video	John Tenney	13:15 - 13:50
New Technology	A Brief Summary Of NOAA Fisheries PIT Tag Technology Advancements	Gabriel Brooks	13:50 - 14:10
	The Value Of Time And The Perils Of Aggregation In PIT Tag Survival Analyses	Dalton Hance	14:10 - 14:30
Data Analysis and Modeling	Modeling Estuary And Ocean Survival Of Pacific Salmon Using A Mark-Recapture-Recovery Approach That Accounts For Avian Predation And Potential Use Of PIT Tags	James Faulkner	14:30 - 14:50
	Recovered From Harvest		
	A Method To Compute Adult Anadromous Salmonid Abundance By PIT Tagging Juvenile Outmigrants	Jason Neuswanger	14:50 - 15:10
COFFEE BREAK			
Detection Methods	The Use Of Three Types Of PIT Tag Antennas At Zosel Dam On The Okanogan River	Jeff Fryer	15:10 - 15:30
	Applications Of A Floating PIT Tag Antenna Detection System In Desert Riverscapes	Stephani Clark Barkalow	15:30 - 15:50
	Columbia River Estuary PIT Detection Project- Towed Methodologies	Joe Vinarsik	15:50 - 16:10
	Comparing Stationary And Towed PIT Interrogation Methods For Detecting Juvenile Salmonids In The Lower Columbia River Estuary	Kara Jaenecke	16:10 - 16:30
RECEPTION and POSTER SESSION			
Wednesday January 31			
BREAKFAST			
Survival Monitoring	Trends In PIT-Tag Data Availability For Juvenile Snake River Pacific Salmon: How Structural, Environmental, And Operational Changes Have Influenced The Capacity To Monitor Hydrosystem Survival From 1998 To 2023	Steve Whitlock	07:00 - 08:40
	Delayed Emigration Of Juvenile Steelhead And Its Impact On Survival Estimates.	Lora Tennant	08:40 - 09:00
	30-Years Of Monitoring Wild Snake River Spring/Summer Chinook Parr Using PIT Tags	Jesse J. Lamb	09:00 - 09:20
	Migration Timing And Survival Of Wild Chinook Salmon Using PIT-Detection At The Marsh Creek Instream Array	Benjamin Sandford	09:20 - 09:40
			09:40 - 10:00
COFFEE BREAK			
Management and Monitoring	SNAKE BASIN In-Season Management Of Salmon, Steelhead, And Coho Tribal And State Fisheries Utilizing PIT Tags	Jason Vogel	10:00 - 10:20
	Utilizing PIT Tag Arrays To Evaluate Translocated Adult Pacific Lamprey In The Clearwater River Basin, ID	Michael Kosinski	10:20 - 10:40
	Emigration And Survival Of Hatchery-Reared Coho Salmon Released As Parr And Smolts In A Reintroduction Program	Bill Bosch	10:40 - 11:00
	Salmonid Habitat Usage And Movement In Restored And Unrestored Reaches	Virginia White	11:00 - 11:20
	Use Of Seasonal Instream PIT Tag Detection Systems In Lower Clearwater And Salmon River Tributaries	Peter Cleary	11:20 - 11:40
LUNCH			
Research Related to Tags	PIT Tag Ingestion: The Curious Fate Of Shed Tags In Salmonid Hatcheries	Kathleen Hemeon	12:00 - 13:40
	Retention Of Passive Integrated Transponder (PIT) Tags In Hatchery Brook Trout: Effect Of Tag Size, Implantation Site, And Double Tagging	Douglas Peterson	13:40 - 14:00
	A Field Evaluation Of The Growth And Survival Of Age 0 Oncorhynchus Mykiss Tagged With 8 Mm Passive Integrated Transponder (PIT) Tags	Ken Tiffan	14:00 - 14:20
	Performance Of Subyearling Fall Chinook Salmon Tagged With 8-, 9-, And 12-Mm Passive Integrated Transponder Tags In The Snake River	Ken Tiffan	14:20 - 14:40
COFFEE BREAK			
Data Collection and Management	Recent Accomplishments Of The PTAGIS Program	John Tenney	14:40 - 15:00
	Development Of A Klamath Basin Fisheries Collaborative Database That Is Interoperable With PTAGIS: Supporting Within And Across Basin Collaboration	Erin Benham	15:00 - 15:20
	A Model Of A Regional PIT-Tag Data Management System In The Puget Sound	Elliot Koontz	15:20 - 15:40
Thursday February 1			
BREAKFAST			
Instream Interrogation Sites	IPTDS Subcommittee Overview and Update	Derrek Faber	07:00 - 08:40
	Early Days Instream: A Retrospective Visit To The Challenges And Evolution Of The Rattlesnake Creek PIT-Tag Detection Site	Ian G. Jezorek	08:40 - 09:00
	Wrangling and Preparing PIT Tag Data using PITcleanr	Kevin See	09:00 - 09:20
	PTAGIS Data Analysis: Transforming Raw Data into Research Insights	Marika Dobos	09:20 - 10:00
COFFEE BREAK			
Instream Interrogation Sites	Remote Power Systems for PIT Tag Arrays	Matthew Stilwater	10:00 - 10:30
	Instream PIT Array Communications - Types, Schemes, and Lessons Learned	Kyle Meier	10:30 - 10:40
	Demystifying PIT Antennas: From Theory to Practice	Gabriel Brooks	10:40 - 11:00
	Efficient Integration of Raspberry Pi with M5 Software for uploading site interrogation data to PTAGIS	Derrek Faber	11:00 - 11:20
LUNCH			
Concurrent Training Sessions	Hands-On Wrangling Data with PITcleanr Remote Power Systems for PIT Tag Arrays Instream PIT Array Communications PTAGIS Reporting Tools		11:20 - 11:40
COFFEE BREAK			
Concurrent Training Sessions	Hands-On Wrangling Data with PITcleanr (continued) Hands-On PIT Antenna Workshop Configuring Raspberry Pi for M5 Software PTAGIS Tagging Software		11:40 - 12:00