

December 3 - 2007 AFEP ANNUAL REVIEW

1:00

Welcome and Introduction

Marvin Shutters, USACE

1:10

Opening Comments

LTC Tony Hofmann, USACE

Passage and Survival

1:20

Passage and Survival Overview

Fred Higginbotham and Brad Eppard, USACE

1:25

Comparative Performance of Acoustic-Tagged and PIT-Tagged

Michelle Rub, NOAA

1:45

Comparative Performance of Acoustic-Tagged and PIT-Tagged

Rich Brown, PNNL

2:05

Survival and migration behavior of subyearling Chinook salmon passing

John Beeman, USGS

2:25

Migration behavior and survival of juvenile salmonids at Little Goose

John Beeman, USGS

2:55

Direct survival and injury of yearling Chinook salmon passing Little

Joanne Fulmer, Normandeau

3:15

BREAK

3:30

Lower Monumental Studies Overview

Ann Setter, USACE

3:35

Passage Behavior and Survival for Radio-Tagged Yearling Chinook

Eric Hockersmith, NOAA

3:55

Passage Behavior and Survival for Radio-Tagged Subyearling Chinook

Randy Absolon, NOAA

4:15

Ice Harbor Studies Overview

Tim Wik, USACE

0.309027778

Passage Behavior and Survival for Radio-Tagged Yearling Chinook

Gordon Axel, NOAA

4:40

Passage Behavior and Survival for Radio-Tagged Subyearling Chinook

Darren Ogden, NOAA

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Passage and Survival continued

8:00

McNary TSW overview

Ken Hansen, USACE

8:05

McNary studies overview

Ann Setter, USACE

8:10

Direct survival and injury of yearling Chinook salmon passing MnNary

Steven Adams, Normandeau

8:30

Pressure and accelerations of sensor fish passing over temporary

Joanne Duncan, PNNL

8:50

Pilot study to detect Head Trauma Biomarker for juvenile salmon

Ann Miracle, PNNL

9:10

Vertical Distribution using hydroacoustic methods to determine depth of

Kenneth. Ham, PNNL

9:30

Passage, survival and approach patterns of juvenile salmonids at

Noah Adams, USGS

9:50

BREAK

10:05

Smolt Response to Hydrodynamic and Physical characteristics of

Gary Johnson, PNNL

10:25

Bonneville Dam studies Overview

Dennis Schwartz, USACE

10:30

Survival Estimates of Migrating Juvenile Salmonids through Bonneville

Gene Ploskey, PNNL

10:50

2007 Estuary PIT trawl.

Dick Ledgerwood, NOAA

Estuary Program

11:10

Estuary Program Overview

Blaine Ebberts, USACE

11:15

Evaluating Cumulative Ecosystem Response to Habitat Restoration

Curtis Roegner, NOAA

11:35

Estuarine Habitat and Juvenile Salmon – Current and Historical

Regan McNatt, NOAA

11:55

LUNCH

1:00

Estimation of Juvenile Salmonid Survival from Bonneville Dam through

Geoff McMichael, PNNL

1:20

Field Evaluation of a Three-Dimensional Mobile System for Tracking

Lynn McComas, NMFS

1:40

Performance & Results from the POST Array: Testing the Delayed

David Welch, Kintama Research

Delayed Mortality Studies

2:00

Delayed Mortality Studies Overview

Derek Fryer, USACE

2:05

Estimate of hydrosystem latent mortality associated with barge and in-

Frank Loge, NOAA

2:25

Mechanisms of delayed mortality.

Matt Mesa, USGS

2:45

BREAK

Turbine Survival Program

3:00

Turbine Survival Program Overview

Mike Langeslay, USACE

3:20

Turbine operational effects on survival/conditions of yearling Chinook

Paul Heisey, Normandeau

3:40

Pressure and accelerations of sensor fish through a turbine at Ice

Tom Carlson, PNNL

4:00

Pressure Acclimation Investigations to Support Biological Index

Tom Carlson, PNNL

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Bull Trout Studies

8:00

Bull Trout Studies Overview

Fred Higginbotham, USACE

8:05

Evaluate Bull Trout Migration Between the Tucannon River and the

Carrie Bretz, USFWS

8:25

PIT monitoring for bull trout passage from the Walla Walla River.

Darren Gallion, USFWS

Adult Studies

8:45

Adult Studies Overview

Dave Clugston, USACE

8:50

Total Dissolved Gas Monitoring in Chum Salmon Spawning Gravels

David Geist, PNNL

9:10

Salmon Passage and Behavior at The Dalles Dam Relative to Spill

Mike Jepson, U of I

9:30

Iteroparity in Columbia River summer steelhead: summary of kelt

Matt Keefer, U of I

9:50

Evaluation of Steelhead Kelt Passage Through the Bonneville Dam

Mark Weiland, PNNL

10:10

BREAK

10:25

Effects of Hydrosystem Passage and Other Factors on Spawning

Ryan Mann, U of I

10:45

Stock-specific pinniped predation estimates for spring Chinook salmon

Matt Keefer, U of I

11:05

Evaluation of California Sea Lion Predation in the Bonneville Dam

Sean Tackley, USACE

11:25

Evaluation of An Instream PIT Detection System in the John Day River

Steve Anglea, Biomark

11:45

Evaluation of the Relationship among Time of Ocean Entry, Physical

Bill Muir, NOAA

12:05

LUNCH

Fall Chinook

1:00

Fall Chinook Overview

Scot Dunmire, USACE

1:05

Migratory behavior of subyearling Chinook in Lower Monumental

Geoff McMichael, PNNL

1:25

Early life history of Snake River subyearling Chinook salmon.

Doug Marsh, NOAA

Lamprey Studies

1:45

Lamprey Studies Overview

Derek Fryer, USACE

1:50

Developing a separator for juvenile lamprey.

Mary Moser, NOAA

2:10

Development of alternative Lamprey Passage Systems.

Mary Moser, NOAA

2:30

Evaluation of Adult Pacific Lamprey Passage Success at McNary and

Chris Peery, ICFWRU

2:50

BREAK

3:05

Evaluation of adult Pacific lamprey passage and behavior at McNary

Chuck Boggs, U of I

3:25

Evaluating Adult Lamprey Dam Passage Counting Methodology at BON

Tami Clabough, U of I

3:45

Dam to Dam Conversion and Passage Metrics Using HD PIT Detection

Chuck Boggs, U of I

4:05

Effects of Reduced Nighttime Entrance Velocities on Lamprey Entrance

Eric Johnson, U of I

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Transportation Studies

8:00

Transportation Studies Overview

Scott Dunmire, USACE

8:05

07-05 A study to compare SARs of in-river migrating versus transported

Doug Marsh, NOAA

8:25

McNary transportation studies

Doug Marsh, NOAA

8:45

07-09 Alternative barging strategies to improve survival of transported

Bill Muir, NOAA

Avian Predation Studies

9:05

Avian Predation Studies Overview

Scott Dunmire, USACE

9:10

Evaluate the Impacts of Avian Predation on Salmonids Smolts from the

Dan Roby, OCFWRU

9:30

Evaluate the Impacts on Salmonid Smolts of Avian Predation in the

Dan Roby, OCFWRU

9:50

2007 PIT recovery from Avian colonies.

Dick Ledgerwood, NOAA

10:10

CLOSING REMARKS

Marvin Shutters, USACE