APPENDIX 1

Program of the Workshop

OPENING REMARKS
P. HAGEN

ORAL PRESENTATIONS

I. Otolith Marking Technologies

Moderators: A. ROGATNYKH and E. VOLK

Otolith thermal marking
E. VOLK and P. HAGEN

The dry method of otolith mass marking
A. ROGATNYKH, E. AKINICHEVA, and B. SAFRONENKOV

Otolith marking at the eyed-egg stage of chum salmon with fluorescent substances
H. KAWAMURA, S. KUDO, M. MIYAMOTO, and M. NAGATA

Marking salmonids with strontium chloride at various life-history stages
S.L. SCHRODER, E.C. VOLK, and P. HAGEN

Development of a new stock discrimination tool for naturally spawning sockeye salmon within Alberni Inlet from stable isotopic composition of otoliths
W. LUEDKE and Y.W. GAO

Compiling and coordinating salmon otolith marks in the North Pacific
S. URAWA, P. HAGEN, D. MEERBURG, A. ROGATNYKH, and E. VOLK

II. Applications of Otolith Marking

Salmon Biology

Moderators: D. MEERBURG and S. URAWA

Early marine growth and habitat utilization of two major southeastern Alaska chum salmon stocks, based on thermally marked otoliths recovered 1997-2000
J.A. ORSI, D.G. MORTENSEN, D.L. TERSTEEG, and R. FOCHT

Application of otolith thermal mass marking for examining the biology and interactions of wild and hatchery chinook salmon during early sea life
B. HARGREAVES

Variations in catch per unit effort of thermally marked pink and chum salmon juveniles in the Gulf of Alaska during 1996 and 1998 in relation to adult hatchery salmon returns
E.V. FARLEY Jr., P. HAGEN, and J.H. HELLE

High-seas ocean distribution of Alaskan hatchery pink salmon estimated by otolith marks
M. KAWANA, S. URAWA, P. HAGEN, and K. MUNK

Salmon Management

Moderators: P. HAGEN and T. PERRY

Estimating the abundance and distribution of locally hatchery-produced chinook salmon throughout a large river system using thermal mass-marking of otoliths
K. RAWSON, C. KRAEMER, and E. VOLK

Using thermal marked otoliths to aid the management of Prince William Sound pink salmon
T.L. JOYCE and D.G. EVANS

Use of thermal mark technology for the in-season management of transboundary river sockeye fisheries
K.A. JENSEN and P.A. MILLIGAN

The use of otolith marking for evaluation of hatchery output efficiency
E. AKINICHEVA and A. ROGATNYKH

CLOSING REMARKS

E. VOLK

POSTER PRESENTATIONS

Otolith marking at Kamchatka salmon hatcheries
N.A. CHEBANOV and M.A. KUDZINA

Alaska Department of Fish and Game's Otolith Marking and Recovery Program
J.R. SCOTT, R.P. JOSEPHSON, P.T. HAGEN, B.A. AGLER, and J.W. CASHEN

Wandering pink salmon: 1999 and 2000 thermal mark recoveries in southeast Alaska
B.A. AGLER, P.T. HAGEN, J.R. SCOTT, J.W. CASHEN, and D. MORTENSEN

APPENDIX 2

List of Participants

Canada
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