



North American Journal of Fisheries Management >

Volume 18, 1998 - Issue 4

62 | 18 | 0
Views | CrossRef citations to date | Altmetric

Management Briefs

Two Carriers Used to Suspend an Underwater Video Camera from a Boat

Phillip A. Groves & Aaron P. Garcia

Pages 1004-1007 | Received 06 Feb 1997, Accepted 26 May 1998, Published online: 08 Jan 2011

Cite this article [https://doi.org/10.1577/1548-8675\(1998\)018<1004:TCUTSA>2.0.CO;2](https://doi.org/10.1577/1548-8675(1998)018<1004:TCUTSA>2.0.CO;2)

Sample our
Environment & Agriculture
Journals
>> [Sign in here](#) to start your access
to the latest two volumes for 14 days

Full Article

Figures & data

References

Citations

Metrics

Reprints & Permissions

Read this article

Share

Abstract

Two underwater video camera carriers were designed by modifying hydraulic sounding weights and suspension equipment normally used for stream gaging. Both carriers were suspended from the bow of a boat and were used in a river up to 13 m deep with velocities to 3 m/s. One carrier consisted of an aluminum casing mounted on a single hydraulic sounding weight. This carrier provided a moderate degree of camera protection and created little drag, but it wobbled at water velocities greater than 1 m/s. The other carrier consisted of an aluminum frame attached between two hydraulic sounding weights. This carrier provided greater camera protection and wobbled less, but it was subjected to considerable drag in deep (>3 m), high velocity (>1 m/s) waters. Both carriers have been used successfully to search for spawning grounds and redds of chinook salmon *Oncorhynchus tshawytscha* in a large river and to collect video images for surficial substrate classification.

Related research

People also read

Recommended articles

Cited by
18

Information for

Authors

R&D professionals

Editors

Librarians

Societies

Opportunities

Reprints and e-prints

Advertising solutions

Accelerated publication

Corporate access solutions

Open access

Overview

Open journals

Open Select

Dove Medical Press

F1000Research

Help and information

Help and contact

Newsroom

All journals

Books

Keep up to date

Register to receive personalised research and resources
by email

 Sign me up

  

  

Copyright © 2026 Informa UK Limited [Privacy policy](#) [Cookies](#) [Terms & conditions](#)

[Accessibility](#)



Registered in England & Wales No. 01072954
5 Howick Place | London | SW1P 1WG