

STUDY FINAL REPORT

State: Michigan

Project No.: F-53-R-13

Study No.: 454

Title: Origin and population dynamics of chinook salmon in Lake Superior

Period Covered: April 1, 1996 to March 31, 1997

Study Objective: To determine the harvest of chinook salmon year classes in Michigan waters of Lake Superior and be able to specify the relative contribution to that harvest of chinook planted by Michigan, chinook planted by other agencies, and by naturally produced chinooks. To determine movements of chinook salmon planted by Michigan and their contribution to the catch in other Lake Superior waters and to the catch in the other Great Lakes. To gather data on growth, mortality, and other life history parameters for hatchery and naturally produced chinook salmon.

Findings: Due to the promotion of the principal investigator, this study was completed last segment, one year ahead of schedule. Any charges to Federal Aid for this study in Segment 13 were for final editing and production work in the final research report:

Peck, J. W. 1996. Contribution of hatchery chinook salmon to sport harvest and populations in Michigan waters of Lake Superior, 1990-94. Michigan Department of Natural Resources, Fisheries Research Report 2023.

Prepared by: James W. Peck

Date: March 31, 1997