Vol. 91 No. SU 1

Page

Journal of the

SURVEYING AND MAPPING DIVISION

Proceedings of the American Society of Civil Engineers

SURVEYING AND MAPPING DIVISION EXECUTIVE COMMITTEE

Lewis A. Dickerson, Chairman; Robert O. Davis, Vice Chairman; Everett D. Morse; Gerald H. Pesman; Kenneth S. Curtis, Secretary; John M. Hayes, Board Contact Member

COMMITTEE ON PUBLICATIONS

J. E. Colcord, Jr., Chairman; John Apel; B. Austin Barry; Henry W. Bigelow, Jr.; B. Thomas Hopkins; Reynold E. Isto; Richard R. Mayer; Milton O. Schmidt; Henry F. Soehngen; Everett D. Morse, Executive Committee Contact Member

CONTENTS

April, 1965

Papers

Arctic Siting and Surveying by Max O. Laird	1
Generalized Resection Method in Surveying by K. C. Chakko	23
Vertical Control on the Great Lakes by Gilbert E. Ropes	35

Copyright 1965 by the American Society of Civil Engineers. The three preceding issues of this Journal dated October, 1963, April, 1964, and July, 1964.

DISCUSSION

Land Subsidence Problems, by Raymond F. Dawson. (June, 1963. Prior discus- sion: October, 1963, April, 1964. Dis- cussion closed.) by Raymond F. Dawson (closure)	53
Control Traverses and Their Adjustment, by Everett D. Morse. (June, 1963. Prior discussion: October, 1963, April, 1964. Discussion closed.) by Everett D. Morse (closure)	54
Surveyors' Footsteps, by W. C. Wattles. (October, 1963. Prior discussion: April, 1964. Discussion closed.) by W. C. Wattles (closure)	58
 Aerial Traverse and Maximum Bridging Distance, by Sandor A. Veres. (October, 1963. Prior discussion: April, 1964. Discussion closed.) by Sandor A. Veres (closure) 	58
Surveying and Mapping for Water Resource Planning, by Kurt W. Bauer. (April, 1964. Prior discussion: None. Discussion closed.) by Richard R. Mayer by Daniel Kennedy by Max Suter	60 60 61
Photogrammetric Measurement of Tidal Currents, by Joseph E. Waugh. (April, 1964. Prior discussion: None. Discussion closed.) by Daniel Kennedy	62
 Highway Plans for Photogrammetrically- Compiled Maps, by Lewis E. Parker. (April, 1964. Prior discussion: None. Discussion closed.) by Daniel Kennedy	63
Reservoir Topography by Shoreline Plotting, by David L. Crandall. (April, 1964. Prior discussion: None. Discussion closed.) by Daniel Kennedy	64

.

Page

Page

Kenneth S. Curtis. (July, 1964. Prior	
discussion: None. Discussion closed.)	
by Walter S. Dix	64 65
by Linton E. Grinter	66 6 8
Analogue Aerial Triangulation, by Herbert S. Williams. (July, 1964. Prior discussion: None. Discussion closed.)	
errata	71
Daylight Star Observations in Antarctica, by Douglas R. Lee. (July, 1964. Prior discussion: None. Discussion closed.)	
errata	72
Measuring Structural Behavior of Glenn Canyon Dam, by Joe T. Richardson. (July, 1964. Prior discussion: None. Discussion closed.)	
by Everett D. Morse	$73 \\ 74$