

VOLUME CONTENTS

VOLUME XII, 1946

Board of Direction	2
Biography and Photograph of <u>Gerald FitzGerald</u>	3
Proceedings of 12th Annual Meeting	
Thursday Morning Session—Photogrammetry and the War	
<u>Col. Paul C. Cullen</u>	5
<u>Col. A. G. Matthews</u>	12
<u>Guillermo Medina</u>	18
Thursday Afternoon Session—Postwar Plans	
Admiral <u>L. O. Colbert</u>	27
Admiral <u>G. S. Bryan</u>	30
Dr. <u>Thomas Nolan</u>	34
General <u>Dwight F. Johns</u>	37
<u>Marshall S. Wright</u>	41
<u>Robert H. Randall</u>	47
Thursday Evening Session—Business Session	
Secretary-Treasurer's Report	60
Retiring President's Address— <u>O. M. Miller</u>	63
Inaugural Remarks— <u>Gerald FitzGerald</u>	67
Fairchild Award and Acceptance	69
Talbert Abrams Award and Acceptance	71
Friday Morning Session	
Commercial & Private Photogrammetry in Europe— <u>Talbert Abrams</u>	74
Friday Afternoon Session	
<u>C. C. Lindsay</u> , President Elect, Canadian Institute of Surveying—	79
German Photogrammetry in the War—	
<u>Gerald FitzGerald</u>	84
<u>Russell K. Bean</u>	87
Resolving power	92
Terrestrial Photogrammetry for Supplementary Control— <u>J. E. King</u>	106
Photogrammetric Quiz— <u>Gordon B. Willey</u>	116
Photogrammetry in China— <u>Maj. Gen. Chih—Cho Wang</u>	118
Preliminary Observations on Geological Use of Aerial Photographs—	
<u>Frank A. Melton</u>	125
Board of Direction	130
Specifications for Aerial Photographs Used in Forest Management—	
<u>Stephen H. Spurr and C. T. Brown, Jr.</u>	131
The Calibration of Air Cameras in Canada— <u>R. H. Field</u>	142
A Graphic Method of Measuring Vertical Angles from Oblique Photos—	
<u>H. T. U. Smith</u>	147
The Estimation of Ground Conditions from Aerial Photographic Interpretation of Vegetation Types— <u>Robert N. Colwell</u>	151
A Simple Photo-Rectifier for High Obliques— <u>Alexander Forbes</u>	163
Aerophotogrammetric Services of Cruzeiro do Sul— <u>Edson Cabral</u>	196
The Maximum Values of Tilt and Relief when Compiling Radial Line	
Plots Using the Principal Point— <u>Edward S. Wood, Jr.</u>	205
Analysis of the Multiplex Model— <u>William A. Allen</u>	213
Continuous Strip Aerial Photography— <u>Phillip S. Kistler</u>	219
A Proof of the Isocenter Principle— <u>Herman J. Shea</u>	224

The Reactivation of the International Society of Photogrammetry— <i>B. Scherpbier</i>	229
Photogrammetry in the Netherlands During the Occupation— <i>B. Scherpbier</i>	230
The Camera Lucida for Aero-Mapping— <i>J. L. Buckmaster</i>	235
Notes on Recent Literature— <i>H. T. U. Smith</i>	246
Technical Instructions on the Nadir Point Method— <i>Lt. Col. D. R. Crone</i>	247
Addendum to Article Entitled, "History of Stereoscopy"— <i>Revere G. Sanders</i>	250
Presentation of the Talbert Abrams Award Trophy to the American Society of Photogrammetry	251
Effect of Earth Curvature in Scaling Flights by Multiplex— <i>Joseph Blum</i>	252
List of New and Reinstated Members	254
List of New Subscribers	255
Board of Direction	258
Germany's Use of the Slotted Templet System— <i>Harry T. Kelsh</i>	260
The Engineer Board— <i>William C. Cude</i>	265
Two Engineer Board Developments in Photomapping Equipment— <i>J. T. Pennington</i>	268
Military Photogrammetry in Action in Europe— <i>J. W. Locke</i>	272
Observations on Captured German Equipment— <i>A. M. Wilson</i>	282
The Rectification of a Tilted Aerial Photograph— <i>AMS Bulletin</i>	297
Comments on the Multiscope— <i>Robert H. Johnson</i>	309
Comments on the Multiscope— <i>R. Iwema</i>	312
Reply to Comments on the Multiscope— <i>Stephen H. Spurr and C. T. Brown, Jr.</i>	313
Automatic Map Plotting Instruments— <i>Duane Lyon</i>	315
Resolving Power	341
The Fairchild Cartographic Camera— <i>G. J. Podyyn, Jr.</i>	345
Notes on Recent Ligerature— <i>Robert H. Kingsley</i>	352
The Variable Elevation Wedge— <i>E. J. Schlatter</i>	354
Anti-reflection Films on Glass— <i>A. F. Turner</i>	360
Board of Direction	370
Proceedings of 1946 Semi-Annual Meeting	
Thursday Morning Session—September 26	
Address of Welcome— <i>Gen. N. F. Twining</i>	371
Mapping in the Southwest Pacific— <i>Col. Geo. W. Hansen</i>	372
The History of Shoran— <i>H. G. Sennert</i>	375
Experimental Investigations of Shoran for Mapping and Charting— <i>James E. Henry</i>	377
Tactical Use of Shoran and Accuracy Obtained— <i>Col. Carl. I. Aslakson</i>	379
Application of Shoran to Photogrammetric Mapping— <i>Lt. Col. Gilbert Lorenz</i>	381
Electronics and Its Application in the Work of the Hydrographic Office— <i>Gunnar Leifson</i>	385
Thursday Afternoon Session	
Air Matériel Command Research on Resolution and Distortion— <i>Paul L. Pryor</i>	388
Development in the Field of Aerial Photography— <i>Aelred A. Koepfer</i>	398
Ground Photographic Equipment Design— <i>C. P. Owen</i>	412
Friday Morning Session—September 27	415

Friday Afternoon Session	
Closing Address— <i>Gen. L. C. Craigie</i>	421
Resolving Power	424
Aerial Surveys in Highway Location— <i>William T. Pryor</i>	429
Atomic Energy Controls— <i>D. Jerome Fisher</i>	449
The Monoscope— <i>George R. Sonley</i>	453
Photogrammetric Pipe-Line Survey	455
Contracts for Aerial Photography— <i>M. Kerwin Linck</i>	456
Comments on Automatic Map Plotting Instruments	459
A Derivation for Image Displacement Due to Tilt— <i>Michael G. Misulia</i>	461
A Method of Determining the Depression Angle and Swing of a Terrestrial Photograph— <i>Everett L. Merritt</i>	465
List of Members of the American Society of Photogrammetry	481