

UNITED NATIONS
ECONOMIC
AND
SOCIAL COUNCIL



1010710686

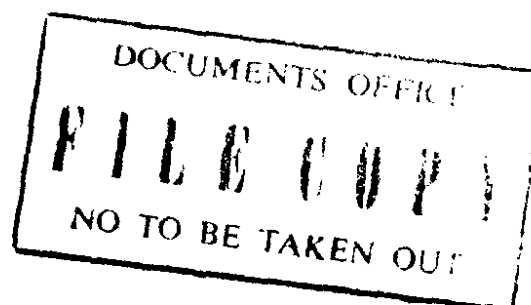
Distr. *
LIMITED



E/CN.14/CART/78
E/CONF.43/78
1 July 1963

Original: ENGLISH

UNITED NATIONS REGIONAL CARTOGRAPHIC
CONFERENCE FOR AFRICA
Nairobi (Kenya), 1-13 July 1963
Provisional agenda items 13 and 14



BIBLIOGRAPHY OF SELECTED UNITED STATES
PUBLICATIONS ON SURVEYING AND MAPPING

(Communication sent by the Government of
the United States of America)

* For participants only

NAI-63-38

BIBLIOGRAPHY
OF
SELECTED UNITED STATES PUBLICATIONS
ON
SURVEYING AND MAPPING

Prepared for Distribution at the
UNITED NATIONS REGIONAL CARTOGRAPHIC CONFERENCE FOR AFRICA
NAIROBI, KENYA
July 1-13, 1963

BIBLIOGRAPHY
of
SELECTED UNITED STATES PUBLICATIONS
on
SURVEYING AND MAPPING

AERONAUTICAL CHART AND INFORMATION CENTER. The following publications may be obtained from The Commander, ACIC, 2nd and Arsenal Streets, St. Louis, Missouri.

"Geodesy for the Layman" (1962).

"Geodetic Distance and Azimuth Computations for Lines Under 500 miles," TR-59, 1960.

"Map Accuracy evaluation; Part 1, Evaluation of Horizontal Map Information," RP-2.

"Photo Mechanical Vignetting," TR-61, 1955.

"Principles of Error Theory and Cartographic Applications," TR-96, 1962.

"Scribing on Coated Plastics," TR-3, 1961.

"The Phantom Transparency Technique of Negative Revision," TR-81, 1959.

"The Photoscribe Process," TR-74, 1958.

"Use of the Kelsh Plotter," TR-37, 1955.

AMERICAN CONGRESS ON SURVEYING AND MAPPING. The following articles have appeared in the ACSM journal, "Surveying and Mapping," and information as to the availability of reprints may be obtained from ACSM, Woodward Building, 733 15th Street, N.W., Washington 5, D.C.:

"Aerospace Cartography," Col. Robert E. Herndon, Jr., Vol. 21, No. 1, 1961.

"Airborne Control System," Hugh B. Loving, Vol. 23, No. 1, 1963.

"Cadastral Surveys - The Rectangular System Surveys and Protractions," Lyle F. Jones, Vol. 20, No. 4, 1960.

"Electrotape - Electronic Distance Measuring Equipment," R. E. Heape, Jr., Vol. 22, 1962.

"Ethiopian Geodetic Project," D. A. Jones, Vol. 23, No. 1, 1963.

"Geodetic Leveling in Latin America," M. A. Tewinkel, ASP/ACSM Annual Meeting, 1963.

"Influence of Electronics on Surveying and Mapping," Capt. C. I. Aslakson, Vol. 10, No. 3, 1950.

"Photogrammetry Applied to Cadastral Surveys," Herbert F. Trager, Vol. 16, No. 1, 1956.

"Progress in Cadastral Surveys," Donald B. Clement, Vol. 21, No. 1, 1961.

"Symposium on the National Map Accuracy Standards," Vol. 20, 1960.

"The Self-Indexing Alidade," W. H. Bolter, Vol. 16, 1956.

"Use of Elevation Meter in Topographic Surveying," T. C. Burger, Vol. 21, 1961.

AMERICAN GEOPHYSICAL UNION. "Contemporary Geodesy," Geophysical Monograph No. 4, Washington, D.C., 1955.

AMERICAN GEOPHYSICAL UNION. "International Symposium on Electronic Distance Measuring Techniques," Journal of Geophysical Research, Vol. 65, No. 2, Washington, D.C., 1960.

AMERICAN SOCIETY OF CIVIL ENGINEERS. "Technical Procedure for City Surveys," Manual No. 10, 345 E. 47th Street, New York 17, N. Y., 1957.

The following articles have appeared in the ASCE journal, "Civil Engineering" and information as to the availability of reprints may be obtained from its headquarters.

"Helicopter Revolutionizes Topographic Mapping of Remote Areas," Gerald Fitzgerald, Vol. 24, 1954.

"Portable Triangulation Surveying Tower," George D. Whitmore, Vol. 32, 1962.

AMERICAN SOCIETY OF PHOTOGRAMMETRY. The following publications may be obtained from ASP headquarters at 44 Leesburg Pike, Falls Church, Va.:

"Manual of Photographic Interpretation," 1960, 868 pp.

"Manual of Photogrammetry, 2nd Edition," 1952, 876 pp.

The following articles have appeared in the ASP journal, "Photogrammetric Engineering," and information as to the availability of reprints may be obtained from its headquarters.

"A Photographic Edge-Isolation Technique," A. B. Clarke, Vol. 28, 1962.

"Analytical Aerotriangulation by the Direct Geodetic Rostraint Method," H. F. Dodge, Vol. 25, 1959.

"Analytical Aerotriangulation in the Coast and Geodetic Survey," W. C. Harris, et al., Vol. 28, 1962.

"Automatic Stereo Plotting," G.L. Hobrough, Vol. 25, 1959.

"Evaluation of an APR System for Photogrammetric Triangulation of Long Flights," C. C. Slama, Vol. 27, 1961.

"Orthophotography - Its Techniques and Applications," Rupert B. Southard, Jr., Vol. 24, 1958.

"Photogrammetric Mapping of the Brooks Range," P. Blake, Vol. 25, 1959.

"Photogrammetric Surveys for Nautical Charting - Use of Color and Infrared Photography," Capt. L. W. Swanson, Vol. 26, 1960.

"Physical Properties of Estar Polyester Base Aerial Films for Topographic Mapping," P. Z. Adelstein, J. M. Calhoun and J. T. Parker, Vol. 27, 1961.

"Small-Scale Mapping," O. Wey, Vol. 27, 1961.

"Stereotemplate Triangulation," M. B. Scher, Vol. 21, 1955.

"Symposium - Infrared and Radar Photo-Interpretation," Vol. 26, 1960.

"The Photo Contour Map," R. O. Mahan, Vol. 24, 1958.

"The Use of Doppler Radar in Present and Future Mapping Operations," H. Meier, Vol. 25, 1959.

"Ultra-Wide Angle Mapping," J. W. Halbrook, Vol. 28, 1962.

"Use of the Orthophotoscope," R. K. Bean and M. M. Thompson, Vol. 23, 1957.

ARMY MAP SERVICE. The following publications may be obtained from the Commanding Officer, Army Map Service, Washington 25, D.C.:

"AMS M-2 Stereoplotter," Bul. No. 38, 1961.

"Calibration of Radar Antenna and Positioning Camera Axes of the Airborne Profile Recorder," Tech. Dev. Report, 1960.

"Characteristics of Contours," Training Pub.

"Color-Separation Engraving and Processing Images onto Scribe Material," Bul. No. 39, 1962.

"Combination Map Compilation - Color-Separation Methods," Tech. Report No. 33, 1961.

"Deflections of the Vertical at High Altitudes," Tech. Report No. 8, 1959.

"Direct Copying with Printon and a Rigorous Method for Computing Geodetic Distance from Shoran Observations," Bul. No. 28, 1948.

"Dry Strip Method and Etched Zinc Plates for Master Terrain Model Construction," Bul. No. 35, 1956.

"Investigation of Convergent Photography for Base Plant Operation," Tech. Dev. Report, 1960.

"Logical Contouring," Training Pub., 1956.

"Multiplex Operation," Training Publications, 1956-8.

"Operational Test of an Airborne Profile Recorder System," Tech. Dev. Report, 1962.

"Photo-Mechanical Type Setting," Tech. Dev. Report 1958.

"Plotting Geographic Control," Training Pub., 1956.

"Potentials of the Photogrammetric Anaglyph," Tech. Dev. Report, 1961.

"Preservation of Maps by Lamination," Bul. No. 37, 1961.

"Rub-on Sensitized Press Plate, Rub-on Color Proving, and Ink Form Roller Socket Lubrication Improvement," Bul. No. 36, 1959.

"Staphograph Machine Type-Placement," Bul. No. 40, 1962.

"Test and Evaluation of the Balplex 760 Plotter," Tech. Report No. 42, 1962.

"The Hersol Process," Bul. No. 30, 1951.

"The Positional Accuracy of Maps," Tech. Report No. 35, 1961.

"The Stereoplanigraph and the Coordinatograph," Bul. No. 27, 1948.

"Type Proofs for Map Making and Printing Plastic Maps for Offset Lithography," Bul. 31, 1952.

"Universal Transverse Mercator Grid System," Training Publication, 1956.

ASSOCIATION OF AMERICAN GEOGRAPHERS. "The Use of Air Photos for Landform Maps," Erwin Raisz, Annals Vol. 41, No. 4, 1785 Massachusetts Avenue, Washington, D.C., 1951.

BUREAU OF THE BUDGET. "Classification and Standards of Accuracy of Geodetic Control Surveys," Washington 25, D.C., 1958.

COAST AND GEODETIC SURVEY. The following publications may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C.:

"A Singular Geodetic Survey," L. G. Simmons, C&GS Tech. Bul. No. 13, 1960.

"Definition of Terms Used In Geodetic and Other Surveys," Hugh C. Mitchell, C&GS Spec. Pub. No. 242, 1948, 87 pp.

"Elements of Map Projection," Oscar S. Adams and Charles H. Deetz, C&GS, 1944, 226 pp.

"Hydrographic Manual," Capt. Karl B. Jeffers, C&GS Spec. Pub. No. 20-2, 1960, 283 pp.

"Manual of Geodetic Astronomy," Capt. A. J. Hoskinson, C&GS Spec. Pub. No. 237, 1947.

"Manual of Geodetic Leveling," H. S. Rappleye C&GS Spec. Pub. No. 239, 1948.

"Manual of Geodetic Triangulation," Capt. F. R. Gossett, C&GS Spec. Pub. No. 247, 1959.

"Manual of Reconnaissance for Triangulation," W. Mussetter, C&GS Spec. Pub. No. 225, 1959.

Shore and Sea Boundaries, Vol. 1," Aaron L. Shalowitz, C&GS, 1962, 420 pp.

"State Coordinate Systems," C&GS Spec. Pub. No. 235, 1945.

"Tellurometer Manual," A.C. Poling, C&GS Spec. Pub. 62-1, 1961.

"Tidal Datum Planes," A. Marmer, C&GS Spec. Pub. No. 135, 1951.

"Topographical Manual, Part II," Lt.Cdr. L. W. Swanson, C&GS Spec. Pub. No. 249, 1949, 570 pp.

"Use of Near-Earth Satellite Orbits for Geodetic Informatio," P.D. Thomas, C&GS Tech. Bul. No. 11, 1960.

"Wire Drag Manual," Capt. Kenneth S. Ulm, C&GS Spec. Pub. No. 20-1, 1959, 100 pp.

GEOLOGICAL SURVEY. The following publications may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D.C.:

"Instrumental Improvement in Altimetry," J. L. Buckmaster and A. H. Mears, Survey Circular, 1958.

"New Elevation Meter for Topographic Surveys," J. L. Speert, Prof. Paper 450-B, 1962.

"Report on Scribing," 1958.

"Topographic Instructions of the Geological Survey," 1961.

"Twin Low-Oblique Photography and the Twinplex Plotter," B. T. Hopkins, W. A. Radlinski and M. M. Thompson, Circular 222, 1952.

INTERAGENCY COMMITTEE ON NEGATIVE SCRIBING. "Report on Scribing," Superintendent of Documents, Government Printing Office, 1957.

INTERNATIONAL HYDROGRAPHIC BUREAU. "Recommendations for Operation of Tide Gages and Reduction of Tidal Records," L. P. Disney and J. R. Rossiter, International Hydrographic Review, Vol. 38, No. 2, Quai des Etats-Unis, Monte Carlo, Monaco, 1961.

KIMBLE, GEO. H. H. T., "The Gaps in our Maps," The Reporter, 660 Madison Avenue, New York 21, N.Y., May 1962.

LIBRARY OF CONGRESS. "Aviation Cartography," Walter W. Ristow, Washington, D.C., 1960.

NAVY OCEANOGRAPHIC OFFICE. "Manual of Coastal Delineation from Aerial Photography," P.G. McCurdy, H. O. Pub. No. 592, Washington, D.C.

RESOURCES FOR COPY PREPARATION. The Lithographers Manual Vol. 1, No. 4, Waltwin Publishing Co., New York, N.Y., 1958

ROBINSON, ARTHUR H. "Elements of Cartography, 2nd Edition." Wiley, New York, 1960, 343 pp.

SMITHSONIAN INSTITUTION. "Geodetic Uses of Artificial Satellites," G. Veis, Washington, D.C., 1960.

SYMPOSIUM - GEODESY IN THE SPACE AGE. Publ. No. 15, Ohio State University Institute of Geodesy, Photogrammetry and Cartography, Columbus, Ohio, 1961.

UNITED NATIONS. "Modern Applications of Cartographic Techniques," G.B. Littlepage, Jr., Proceedings of the Second United Nations Regional Cartographic Conference for Asia and the Far East, New York, N.Y., 1961.

UNITED NATIONS. The following papers were prepared for the U.N. Conference on the Application of Science and Technology for the Benefit of the Less Developed Areas, Geneva, Feb. 4-20, 1963. Copies may be obtained from the U.N. Secretariat, New York, N.Y.

"Aerial Photo Interpretation for the Evaluation of Vegetation and Soil Resources," Robert N. Colwell.

"Education and Training for Staffing Surveying and Mapping Operations," Brother P. Austin Barry.

"International Cooperation in Surveying and Mapping in the Americas," John E. Unverferth.

"Maps as a Basic Requisite for Economic Development," Rear Admiral H. Arnold Karo.

"Modern Techniques and Instruments for Surveys and Mapping," George D. Whitmore.

"Practical Considerations for Rapid Mapping in Developing Countries," Rupert B. Southard, Jr.

"The Establishment of a National Institute for Aerial Photography, Cartography, and Geodesy," Albert L. Nowicki.

"The Importance of Geodetic Control and the Advantages of its New Techniques," Captain Lawrence W. Swanson.