



The Plane-Table and Its Use in Topographical Surveying: From the Papers of the United States, Coast Survey (Classic Reprint)

By U S Coast and Geodetic Survey

Forgotten Books, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Excerpt from The Plane-Table and Its Use in Topographical Surveying: From the Papers of the United States, Coast Survey Description. - Topography is a more or less detailed representation, in the form of a map, of a certain area of ground, on a specified scale or proportion of nature, mechanically constructed by the measurement of angles, direct linear measurement, and tangential lines. In plane-table practice these are drawn in pencil upon the paper, which is spread upon the table, and the details are filled in according to established conventional signs. The work is so conducted that the required figure is obtained in the field at once by the simultaneous measurement and plotting of the angles; and while it is done with as much accuracy as it could be plotted with a protractor, errors of transfer are avoided and much time saved. The plane-table at present in use by the Coast Survey (see Plate No. 1) is composed of a well-seasoned drawing board, with bevelled or rounded edges about thirty inches in length, twenty-four in width, and three-quarters...



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