

PHOTOGRAMMETRIC ENGINEERING and REMOTE SENSING

Volume XLIX

May 1983

Number 5

COVER PHOTO — Oblique photo of the Valdez Terminal Site, the southern terminus and storage facility for the Trans-Alaskan Pipeline, located at Valdez, Alaska. The view is to the northeast, taken from an altitude of 4,500 feet on 11 July 1981, with a Jena MRB 15/2323 camera at $f:5.6$, $1/300$ second. The camera was mounted in a Piper PA-23/250 turbocharged Aztec. The facility represents approximately 9 percent of the total oil consumption in the United States today. Submitted by Air Photo Tech, Inc., of Anchorage, Alaska.

Determination of Quadric Surfaces from Two Projective Views <i>Charles B. Grosch</i>	623
Multi-Segments Approximation to a Three-Dimensional Curved Line Using the Least-Squares Locating Method <i>S. Kondo, R. Ohba, and K. Murata</i>	629
Z-2 ORTHOCOMP, The New High Performance Orthophoto Equipment from Zeiss <i>Dierk Hobbie and Hans W. Faust</i>	635
Objective Procedures for Lineament Enhancement and Extraction <i>Gerald K. Moore and Frederick A. Waltz</i>	641
The Application of Pseudo-Bayesian Estimators to Remote Sensing Data: Ideas and Examples <i>L. Daniel Maxim and Leigh Harrington</i>	649
The Effects of Additive Radiance Terms on Ratios of Landsat Data <i>W. S. Kowalik, R. J. P. Lyon, and P. Switzer</i>	659
Understanding Anisotropic Reflectance in Mountainous Terrain <i>Heinz Hugli and Werner Frei</i>	671

(Continued on page 581)

Second-class postage paid at Falls Church, Virginia and at additional mailing offices.

Photogrammetric Engineering and Remote Sensing (ISSN 0099-1112) is published monthly by the American Society of Photogrammetry, 210 Little Falls Street, Falls Church, Virginia 22046. Publication Office—The Sheridan Press, Hanover, Pa. 17331. (Also see Notice on second following page.)

Copyright 1983 by the American Society of Photogrammetry. Reproduction of this issue or any part thereof (except short quotations for use in the preparation of technical and scientific papers) may be made only after obtaining the specific approval of the Editor.

The Society is not responsible for any statements made or opinions expressed in the technical papers, advertisements, or other portions of this Publication.

MEMBERSHIP RATES: Membership in the American Society of Photogrammetry is open to any person actively engaged in the practice of Photogrammetry, Photointerpretation and Remote Sensing, or who by means of education or profession is interested in the application or development of these arts and sciences. The annual dues for Regular members are \$35.00 which includes a \$17.50 member subscription to the Society's official journal, *Photogrammetric Engineering and Remote Sensing*. The annual dues for accredited student members are \$15.00 which includes an \$8.00 student subscription to the official journal. (All memberships are on a calendar year basis.) Add \$5 for all international memberships to cover cost of postage. Postmaster: send address changes to the American Society of Photogrammetry, 210 Little Falls Street, Falls Church, Virginia 22046.

SUBSCRIPTION RATES: Persons or organizations that are not affiliated with the Society may obtain non-member subscriptions to *Photogrammetric Engineering and Remote Sensing* in accordance with the following schedule:

Non-member subscription . . . \$50.00 per year (calendar)
Add \$5 for international subscriptions.

Printed in the United States of America.

(Continued from page 579)

Spectral Signatures Obtained from Landsat Digital Data for Forest Vegetation and Land-Use Mapping in India T. S. Kachhwaha	685
NEWSLETTER	701
PROFESSIONAL PLACEMENT	695
ENGINEERING REPORTS	691
4TH ASIAN CONFERENCE ON REMOTE SENSING (ACRS)	633
1983 ACSM-ASP FALL CONVENTION	634
3RD AUSTRALASIAN REMOTE SENSING CONFERENCE: LANDSAT 84.....	640
9TH COLOR AERIAL WORKSHOP, CALL FOR ABSTRACTS	640
THE PHOTOGRAMMETRIC SOCIETY	658
ISPRS—RIO—1984.....	670
WORLD CONFERENCE ON ENGINEERING AND ENGINEERING TECHNOLOGY EDUCATION	683
SOCIETY AFFAIRS	
Officers of the Society	583
Sustaining Members	587
<i>Manual of Remote Sensing</i> , Second Edition.....	648
<i>Proceedings, Auto-Carto 5/ISPRS IV</i>	684
ASP Manuals and other Publications.....	694
New Publications Program for ASP Members.....	697
<i>Manual of Photogrammetry</i> , Fourth Edition.....	698
Remote Sensing Films	699
Survey of the Profession	700
Consolidation Plan, ACSM/ASP	705
JOURNAL AFFAIRS	
Permission to Photocopy	581
Index to Advertisers.....	585
What <i>Photogrammetric Engineering and Remote Sensing</i> is.....	585
Cover Photos Needed.....	647
Forthcoming Articles	689
Instructions to Authors	690
Journal Staff.....	690

Permission to Photocopy

The appearance of the code at the bottom of the first page of an article in this journal indicates the copyright owner's consent that copies of the article may be made for personal or internal use or for the personal or internal use of specific clients. This consent is given on the condition, however, that the copier pay the stated per copy fee of \$2.25 through the Copyright Clearance Center, Inc., 21 Congress Street, Salem, MA 01970, for copying beyond that permitted by Sections 107 or 108 of the U.S. Copyright Law. This consent does not extend to other kinds of copying, such as copying for general distribution, for advertising or promotional purposes, for creating new collective works, or for resale.

NOTICE: Correspondence relating to all business and editorial matters pertaining to this and other Society publications should be directed to the American Society of Photogrammetry, 210 Little Falls Street, Falls Church, VA 22046, including inquiries, memberships, subscriptions, changes in address, manuscripts for publication, advertising, back issues, and the MANUALS OF PHOTOGRAMMETRY, REMOTE SENSING, and COLOR AERIAL PHOTOGRAPHY. The telephone number of the Society Headquarters is (703) 534-6617.
