

REPORT OF W.G.VI/1 ACTIVITY (1988-92)
REPORT OF THE EDITORIAL BOARD FOR VOLUME III
THE HISTORY OF PHOTOGRAMMETRY

Z b i g n i e w S i t e k

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ABSTRACT:

Report presents the development of the works on a text of handbook HISTORY OF PHOTOGRAMMETRY, with reference to the first works in 1976. Include the editorial guidelines for Volume III and state of the Volume III.

KEYWORDS: History, Photogrammetry, Remote Sensing, Education

1. Introductory Remarks

Over fifteen years ago it was my idea to initiate publishing a review on the historic development covering various branches of photogrammetry and remote sensing. I have invited Dr T.J.Blachut - Chief of Photogrammetric Section of the National Research Council of Canada to create the Working Group VI-2 "Photogrammetry in its Historical Context". The main aim of that W.G. has been to prepare a text on "History of Photogrammetry", which should record in a continuous and chronological way the history of the discipline.

The following colleagues were the initial members of W.G.VI-2: [H. Bonneval], K.B.R.Burkhardt, F.L.J.H.Corten, [B. Dubuisson], F.J.Doyle, C.E.Olson, K.Rinner, L.Solaini, G.K.Schut, J.Cruset - former President ISP and Z.Sitek - former President of Commission VI, who originated the project.

In the 1977 the following program was accepted by former W.G.VI-2 (chapters of the book):

1. The Early Days of Photogrammetry,
2. Analogue Methods and Instruments,
3. Satellite Photogrammetry,
4. Photointerpretation and Remote Sensing,
5. Aerial Photography, Airborne Aides and Navigational Procedures,
6. Analytical Methods and Instruments,
7. Non-Cartographic Photogrammetry,
8. Significance and Future Role of Photogrammetry and Remote Sensing,
9. Synoptic Tables Correlating Various Events.

Till now only two chapters has been completed: the first - by Dr T.J.Blachut and the second - by Prof.Dr K.B.R.Burkhardt.

These chapters were edited as a Volume I, under the common title "Historical Development of Photogrammetric Methods and Instruments" and published in six languages (Chinese, Spanish, German, Japanese, English, Polish) during the period of 1988-89. In 1991 also the Greek edition (probably) has been finished. However French version of the Volume I was shortened about 50% and published by French Society of Photogrammetry in *Bulletin de la Societe Francaise de Photogrammetrie* - but without permission of the authors.

In 1984 as well as in 1988 the chairmanship of W.G.VI - "History" has been taken over by Dr.F.J.Doyle, who was responsible for the publication of Volume II. This Volume should consist

of chapter 3: Satellite Photogrammetry and chapter 4: Photointerpretation and Remote Sensing.

In December 1988 I was invited by Prof. J.Badekas to cooperate with W.G.VI-1 as a Co-Chairman - responsible for Volume III.

The following colleagues were asked by me for collaboration:

T.J.Blachut - as a founder and Chairman of Editorial Board in 1976 and as a advisor of Editorial Board for Volume III,

S.K.Ghosh - the virtual author of chapter 6: Analytical Methods and Instruments,

E.Klipelä - virtual author of chapter 5: Aerial Photography, Airborne Aides and Navigational Procedures,

G.Konecny - virtual author of chapter 8: Significance and Future Role of Photogrammetry and Remote Sensing,

K.Torlegard - virtual author of chapter 7: Non-Cartographic Photogrammetry.

Prof.K.Torlegard was not able to cooperate on the project because of this general responsibility for ISPRS and other duties.

Prof.G.Konecny has suggested that the chapter 8 has no place in the textbook of history. I agree with him and we should not include it into Volume III.

2. Editorial Guidelines for Volume III.

During the period 1976-1978 Editorial Board - after several meetings - set up the editorial guidelines for the book: History of Photogrammetry. Having in mind that Volume I has been completed and issued basing on this guidelines, therefore the same procedure was applied to Volume III:

- the book should be useful as a general textbook on Photogrammetry which records a continuous history of the discipline,

- the text should be presented in a chronological order covering in each chapter the most important photogrammetric events, method and instruments from the inception of Photogrammetry until 1992. It is obvious that the authors of each Chapter should not repeat the information which are presented in the Volume I - prepared by Dr.Blachut and Prof.Burkhardt,

- the text must be sufficiently technical and should be accompanied by pertinent formulae and illustrations,

-the text must be completed by list of relevant references. Publications to which reference is made in the text will be listed after each chapter as "References". Sequence of listing (and numbering) is determined by the sequence of reference in the text. Only most important references should be used.

Other publications to which no references has been made in text, but suggested by the authors as good source of information will be listed chronologically after "References" under the heading "Additional Readings". It is important that the number of positions in both categories of references is limited to a meaningful minimum. Otherwise, we could easily end up with thousands of positions,

-the texts should be presented on a standard size paper (A-4 = 210x297mm or next to it in USA and Canada) typed double spaced.

-all figures should be built into the text at least in a conceptual form to eliminate any confusion. They should be accompanied by the Figure number consisting of the Chapter number and the consecutive numbers of the Figure (e.g. Chapter 6: Fig.6-15).

Original line drawn figures should be drawn each on a separate sheet of paper at scale 2:1 and in geometrically correct form so that they could be copied by a draftsman to secure their uniform character. Photographic figures suitable for reproduction should be delivered in their original form. The same consecutive numbering for drawn and photographic figures is obliged. The list containing the number and title of figures must be delivered for each chapter.

3. State of Volume III

Above mentioned guidelines and invitation for collaboration I sent to the many of our distinguished colleagues.

I sent invitation to Mr.F.L.J.H.Corten (the Netherlands) and asked him to complete chapter 5. As I have learned the first part of the Chapter was already written in 1982 by him.

I invited also Dr V.Kratky to take the responsibility for Chapter 7. After when he resigned I invited Mr Carbonnell during Cracow ICAP Symposium (1990) and lately (1991) Mr.K.Atkinson. Both of them do not intend to participate in the project.

The Chapter 9 "Synoptic Tables Correlating Various Events" will be prepared by myself but after completing all 7 chapters.

I also asked President of Commission VI and all colleagues who have been invited to collaboration - to indicate the persons who could prepared chapters 5 and 7. But unfortunately I did not get any suggestions.

Prof.S.K.Ghosh have accepted the task to take care of the chapter 6.Professor completed his work.

The chapter contain 51 pages (typescript copies) of text, 19 pages of references and 12 figures. The composition of Volume III as a whole is not completed, therefore - for benefit of the members of our Society-the chapter 6 should be published in ISPRS Commission VI Archives on Photogrammetry & Remote Sensing (Vol.XXIX,Washington 1992).

In the future - when chapters 5, 7 and 9 will be completed,work of Prof.S.K.Ghosh will make part of Volume III: HISTORICAL DEVELOPMENT OF PHOTOGRAMMETRIC METHODS AND INSTRUMENTS.