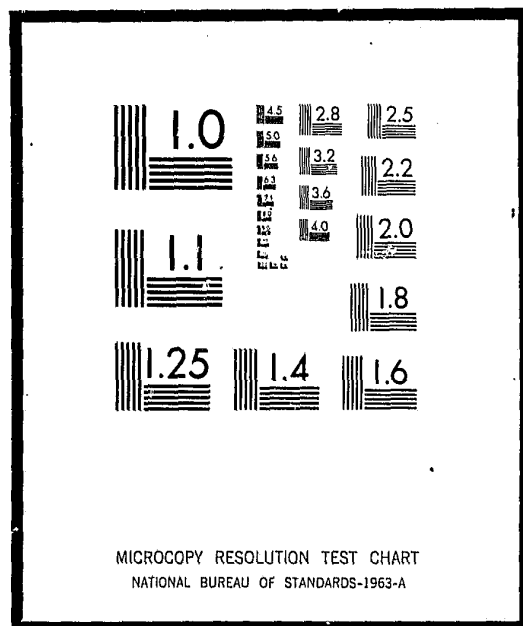


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December 1, 1969

PREFACE

Historically, the Carnahan Conferences had their origin during the summer of 1967. Local police and security officials met with staff members of the Electrical Engineering Department. During this period, the group explored the significance of the interaction between the engineer and the law enforcement community in meeting the problems faced by the latter group. As a result of this meeting, the Department of Electrical Engineering elicited the support of the local section of IEEE and sponsored the first Carnahan Conference in April 1968. Approximately forty individuals, largely from the Lexington region, were in attendance. Because of favorable response from this meeting as well as a session at a national meeting of the IEEE organized by Prof. Jackson, the second Carnahan Conference became national in scope.

The second Carnahan Conference on Electronic Crime Countermeasures was held on April 24, 25 and 26, 1969 and had an attendance of over one hundred officials of various law enforcement security agencies and engineers. Over 800 copies of the proceedings of this conference have been made available to interested individuals and organizations in this country and abroad. It is anticipated that this number will exceed 1,000 as requests are still being received.

Although the number of attendees and requests for the proceedings are measures of the success of this conference, other factors are even more indicative of the significance of this conference.

Three considerations are particularly significant; namely, the reaction of those attending the conference, rate of growth of the conference, and the quality and significance of the papers. Each will be briefly

reviewed for each indicates that this conference serves a unique role relative to security and law enforcement agencies.

Those attending this conference were enthusiastic in their support of this conference and future conferences. Approximately twenty remained after the conference for a general critique of the 1969 conference. Because of support by this group and interest by major organizations, an advisory committee has been established to insure that this conference will continue to meet the needs of the various communities involved in electronic crime countermeasures.

The quality of the papers presented at this conference has improved each year. The papers that are being received for the 1970 conference are greater in number and of higher quality than those presented at the past meetings.

The growing recognition of this conference is also indicated by interest by the IEEE, the largest of the technical societies. Although this organization showed little interest at the time this conference was organized, now four of the professional groups of the IEEE are involved in this conference. Certain of the papers presented at the 1970 conference will be published in the IEEE Transactions. This reaction is due in part to the growing attendance and the significance of the papers presented at this conference.

The motivation for the organization of this Carnahan Conference was to provide a forum for officials concerned with law enforcement and engineers so that the abilities of the engineers could be better focused upon the solution of problems faced by law enforcement officials. The series of Carnahan Conferences, unique in nature, is apparently serving this role. But this role can be realized only with the support and

assistance of individuals and organizations involved. The monetary support by the Department of Justice in the preparation, publication and dissemination of the conference proceedings was an essential factor in the general quality of the conference and of the proceedings of this conference. It is also appropriate to acknowledge the role of Professor John Jackson. The general success of these conferences is due in large part to the enthusiastic and tireless effort of Professor Jackson, who is daily involved in the planning and arrangements of this conference.

The remainder of this report documents the attendance at the 1969 Carnahan Conference and dissemination of the proceedings of this conference.

Robert L. Cosgriff
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