October 1970 vol. xv · issue 4

RELIABILITY GROUP NEWSLETTER

"Material for the January issue must be in the editor's hands by November 25."

Chapter News...

Binghamton

The Binghamton Chapter, in cooperation with ASQC, will sponsor another in a series of QC and Reliability conferences. This conference, entitled "New Horizons in Quality and Reliability," will be held October 24, 1970, at the State University of New York, Binghamton. For information, contact P. G. Schneider, Link Division/Singer, Binghamton, New York, 13902.

Philadelphia

Officers for 1970-71 are:

Chairman
Thomas L. Fagan, General Electric Co., Box 8861, Philadelphia, Pa., 19191, (215) 962-4245

Vice Chairman
Ed J. Westcott, RCA Building 13-5-1, Camden, N.J., 08102, (609) 963-8000 PC2186

Secretary/Treasurer
Irv Hyams, Fischer & Porter, County Line Rd., Warminster, Pa., 18974, (215) 693-6000, ex. 616

Membership & Awards
Norm Kuther, Burroughs Corp., Bldg. CVL-2, Paoli, Pa., 19301, (215) N14-4400

Publicity
Sam Canale, RCA, 27 Suburban Blvd., Delran, N.J., (609) 963-8000 PM4183 or PC5970

Program
Nick Salatino, RCA, Camden, N.J., 08102, (609) 963-8000 PC3687

The schedule for the first half of the season includes the following meetings:

October 20
"Optimization of System Design by Spare or Repair Decision Through Dynamic Programming:"
John B. Todaro, Frankford Arsenal

November 18
"Reliability Program and Objectives of AMC:"
Seymour Lorber, Army Materiel Command

EDITOR'S NOTES...

This issue contains a roster of G-R members, arranged geographically. The roster is as current as the computer-maintained file at IEEE Headquarters, which is updated as change-of-address notices are received; in other words, it is very current indeed.

The issue also contains a roster of Chapter Chairman. This roster is as current as the Editor-maintained file, which is updated from available sources including copies of IEEE congratulatory letters to new Chairman. In other words, it is as current as the Chapter officers themselves allow it to be — unfortunately, this often means it is not current at all.

Write if you get word.
Philadelphia Seminar - A Combined Success

Call For Papers...

The 12th Annual West Coast Reliability Symposium, to be held at the International Hotel, Los Angeles, on Friday, March 26, 1971, has been sponsored by the IEEE Reliability Group and the IEEE Computer Society. The symposium will cover both academic and commercial applications of reliability technology. Although the due date for abstracts has been announced as September 15, late submissions will be considered for presentation at the Symposium and publication in the proceedings. The final decision on papers to be presented will be based on those received by December 31.

Papers should illustrate the use and potential use of reliability techniques in civil and commercial systems; how pollution can be prevented; how wear can be reduced; and low reliability can be determined using established reliability methods which have been developed for space or military systems.

Prospective participants are invited to submit, as soon as possible, 300 - 500 word typed abstracts. Authors should indicate new areas covered, and should submit a brief resume indicating the author's background and experience, particularly as they relate to the subject matter of the paper. Submittals should be addressed to Dr. D. K. Lloyd, Building H1, Room 2142, TRW Systems Group, One Space Park, Redondo Beach, Calif., 90278.

The Symposium is sponsored by the Los Angeles Section of ASQC.

1971 Annual Symposium to Feature Innovations

In building a Data Base to serve the IEEE membership, it is essential that the words used can be understood by both authors and index users. The IEEE would like selected G-R members to evaluate the words in the Data Base and to identify additional words which can be added to the Data Base. The cost of the evaluation is $25 each.

If you are interested in participating in this project, please let the Editor know. Your name will be forwarded to IEEE Headquarters as a candidate recipient for the evaluation package.

Call for Papers -- 1971 ANNUAL WEST COAST RELIABILITY SYMPOSIUM

The First International Symposium on Fault-Tolerant Computing co-sponsored by the IEEE Reliability Group and the Jet Propulsion Laboratory, will be held March 1-3, 1971, in Pasadena, California. Scionuses are presently planned for Architecture and Design, new protective redundancy for fault masking and automatic repair; Fault Location and Diagnosis, Hardware and Software Techniques for Recovery from Errors; and Estimation of the Reliability. Availability, and Related Parameters of Fault-Tolerant Systems. Papers on all aspects of fault-tolerant computing will be considered for inclusion, and appropriate sessions may be added.

Letters signifying intent to submit a paper should be sent to Dr. W. C. Carter, RIM T. J. Watson Research Center, P.O. Box 218, Yorktown Heights, N.Y., 10598, as soon as possible. Complete papers are due by November 1, and selections will be completed by December 1.

RELIABILITY/PERFORMANCE

Philadelphia Seminar:

A Combined Success

February 22 "Reliability and Components of Systems" M. T. Waltz, U.S. Navy

All meetings will be held at the Presidential Apartments, Philadelphia. Additional information may be obtained from Miss Helen Yonas, (215) 594-8104 or 6114.

The second-half program includes meetings March 11 and April 21 and the annual All-Day Seminar on May 20.

Twin Cities:

The six-speaker session on "Reliability of Components and Systems" was scheduled for September 9. Noon meetings at Joe's Cafe have been planned for November 19, January 31, March 25, and May 20 (Annual Meeting).

Washington:

The Washington Chapter, with the Washington Section of ASQC, will participate in the ASQC/NASA Space Reliability Program Seminar to be held October 12 at the Sonata Hotel (see the Seminar announcement elsewhere in this Newsletter).

Call for Papers...
Conferences...

October 12 - ASQC/NSA Space Reliability Program Seminar (ASQC-ETT) in cooperation with NASA, with participation of G-R and ASQC local chapters, Sonesta Hotel, Washington, D. C.

October 21-22 - 1970 IEEE Ultrasonic Symposium, Jack Tar Hotel, San Francisco, California

October 24 - Eighth Quality and Reliability Conference (G-R and ASQC Binghamton chapters), State University of New York, Binghamton, New York


November 9-12 - Role of Science in Electric Contact Phenomena, Illinois Institute of Technology, ITT Research Institute, Sherman House, Chicago, Illinois


November 15-19 - 23rd Annual Conference on Engineering in Medicine and Biology (IEEE and the other member societies of the Alliance for Engineering in Medicine and Biology), Washington Hilton Hotel, Washington, D. C.


December 7-9 - 1970 IEEE Symposium on Adaptive Processes; Decision and Control, University of Texas, Austin, Texas


December 14-16 - 1970 IEEE International Symposium on Circuit Theory, Sheraton-Biltmore Hotel, Atlanta, Georgia

January 12-14 - 1971 ANNUAL SYMPOSIUM ON RELIABILITY G-R, ASQC-ED, IED, SHERATON-PARK HOTEL, WASHINGTON, D. C.

January 19-21 - 1971 Mexico International IEEE Conference on Systems, Networks, and Computers, Chatepec, Mexico


Chapter Chairs...

The following listing of chapter chairmen reflects "current" information in the Newsletter Editor's hand as of September 1. It is expected that some elements of the listing are incomplete. The membership is encouraged to bring us up to date.

Baltimore
Mr. Raymond H. Still Wescott Electric Corp. Undersea Div. M-7, 1333 P. O. Box 1797 Baltimore, Md., 21203

Binghamton
Mr. John B. Bird G. E. Avionic Controls Dept. Box 5000 Binghamton, N.Y., 13901

Boston
Mr. Roland F. Emery 5 McIntosh Road Reading, Mass., 01867

Cameron/Dixons
Mr. J. B. Freeman 515 Park Avenue Satellite Beach, Fla.

Chicago
Mr. Charles W. N. Thompson 240 Randolph Street Glencoe, Ill., 00922

Connecticut
Mr. Palmer B. Smith 8 Strawberry Lane Darien, Conn., 06820

Florida West Coast
Mr. C. J. Garvitz 11640 Sharon Drive Largo, Florida

Huntsville
Inactive

Los Angeles
Mr. Cliff Dernham 405 Norway Lane Las Angeles, Calif., 00940

Moline Valley
Mr. Jerome Kloon 73 Taub Drive New Hartford, N.Y., 13413

Montreal
Unknown

New Jersey Coast

New York
Unknown

North Jersey
Mr. George Kiel 11 Morris Ave Morristown, N. J., 07960

Philadelphia
Mr. Thomas L. Fagan 334 Davis Circle W. Chester, Pa., 19370

San Diego
Unknown

San Francisco
Mr. Charles E. Liske 493 Deodora Drive Los Altos, Calif., 94022

Twin Cities
Mr. Gordon L. Selzer 2475 Bremmer Street St. Paul, Minn., 55114

Washington
Mr. Vernon H. Gardiner 6624 Kirby Court Falls Church, Va., 22043

Chart from demonstration plus risk assessment, applicable to all test types including truncated and sequential tests. Application details are included; $6.50 per set.
MEMBERSHIP APPLICATION

IEEE Headquarters: 345 East 47th Street, New York, N.Y. 10017

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Field of Interest

| I am a member of IEEE and hereby apply for membership in the Reliability Group. I enclose a check for the Group fee* (made payable to IEEE). |
| I am not now a member of IEEE but would like to join. Please send information. |
| I am interested in becoming a Reliability Group Affiliate. Please send information. |

*Group Fee: $5.00 for IEEE members of all grades except Student. Student Fee is $2.00.