

## PROCEEDINGS OF THE SOCIETY

### Minutes of Meetings

#### Boston Society of Civil Engineers

February 17, 1971:— The regular monthly meeting of the Boston Society of Civil Engineers was held jointly with the Hydraulics Section, as the annual John R. Freeman Memorial Lecture, at the Charter Room, New England Life Building, 225 Clarendon Street, Boston, Mass. The meeting followed a pot roast of beef dinner, preceded by a cocktail hour at which 45 members and guests were present.

At 7:45 P.M., President Ernest L. Spencer called the meeting to order.

President Spencer stated that the Minutes of the December 16, 1970 meeting would be published in a forthcoming issue of the Journal and that the reading of those Minutes would be waived unless there was objection. There was no objection.

President Spencer then asked the members to rise while he announced the loss to the Society, by death, of the following members:

Richard Malkasian, elected a member Feb. 15, 1954 who died Sept. 24, 1969.  
Arthur R. Hahn, elected a member March 14, 1955, who died Nov. 16, 1970.

Thomas G. GIBLIN, elected a member Sept. 23, 1936, who died Dec. 7, 1970.  
George W. Lewis, elected a member June 21, 1911, who died Dec. 1970.

Henry W. Durham, elected a member June 21, 1911, who died in 1970.

President Spencer called upon the Secretary for announcements. The Secretary announced that applications for membership in the Society had been received from the following:

Wendel N. Hovey, Cambridge, Mass.  
Charles M. Levine, Sharon, Mass.  
Alan E. Willis, Lynn, Mass.  
Alexander H. Langer, Jamaica Plain, Mass.

The Secretary continued to hold the floor and moved "that the Board of Government be authorized to transfer an amount

not to exceed \$5,000 from the Principal of the Permanent Fund to the Current Fund for Current Expenditures."

President Spencer stated that this was the final action on this matter; that the preceding action had been taken at the December 16, 1970 meeting of the Society.

President Spencer then asked Professor Leslie J. Hooper to make an announcement. Professor Hooper announced that the Annual Report of the John R. Freeman Fund Committee had been prepared. He informed those present that Arthur T. Ippen, speaker for this evening, would be the Freeman Lecturer for this year, and he further announced that the John R. Freeman Fund was going to contribute \$7,000 to the Current Fund to defray the unusual costs of publishing the Soil Mechanics Boring Data in the Journal of the Boston Society of Civil Engineers.

President Spencer thanked Professor Hooper on behalf of the Board of Government of the Society, for the unusual and generous action of the John R. Freeman Fund Committee. President Spencer then turned the meeting over to Mr. Stephen E. Dore, Jr., Chairman of the Hydraulics Section, to conduct any business of that Section. The members of the Hydraulics Section elected a new slate of officers for the 1971-1972 year.

Professor Hooper then introduced the guest speaker of the evening, Dr. Arthur T. Ippen, Ford Professor, Engineering and Director of Hydrodynamics Laboratory at M.I.T. Dr. Ippen gave a very interesting and informative talk on the subject "A New Look at Sedimentation in Turbulent Streams". It is to be expected that this talk will be published in a forthcoming issue of the Journal. Following Dr. Ippen's scholarly dissertation on this subject, there was a brief question and answer period.

Forty five members and guests attended

the meeting which adjourned at 9:00 P.M.

Respectfully submitted,

Paul A. Dunkerley  
Secretary

March 24, 1971:— The business session of the 123rd Annual Meeting of the Boston Society of Civil Engineers was held in Morse Auditorium, Museum of Science, Science Park, Boston, Mass. President Ernest L. Spencer called the meeting to order promptly at 4:00 P.M., a quorum being present.

President Spencer stated that the minutes of the December 1970, and the January and February 1971 meetings will be published in a forthcoming issue of the Journal. The minutes of the March, April, June, July, September, October and November 1970 meetings would be declared approved as published.

The annual reports of the Board of Government, Treasurer, Secretary and the Auditors were presented.

Reports from the following committees were also presented: Publications Committee, Hospitality Committee, Library Committee, John R. Freeman Fund Committee, Ralph W. Horne Fund Committee, Subsoils of Boston Committee, Membership Committee. Advertising Committee, Committee on Professional Conduct, Public Relations Committee, BSCE-ASCE Relations Committee. It was moved and VOTED "that the reports of various committees will be accepted". President Spencer announced that all of the foregoing reports will be published in the April 1971 issue of the Journal.

The annual reports of the executive committees of the sections were presented, and the President declared that these reports would be published in a forthcoming issue of the Journal.

The Chairman of the Joint Legislative Affairs Committee arrived, and he was asked to present his report. Following this presentation, it was moved and VOTED "that the report of the Joint Legislative Affairs Committee be accepted".

The Secretary read the report of the Tellers of the Election, Mr. Samuel E. Rice

and Mr. Peter K. Taylor. President Spencer declared that the following officers had been elected for the ensuing year.

President	Ernest A. Herzog
Vice-President	Max D. Sorota
Secretary	Paul A. Dunkerley
Treasurer	Robert T. Colburn
Directors	Charles A. Parthus Lawrence C. Neale

Elected to the Nominating Committee were: Stephen E. Dore, Jr., David A. Duncan and Howard Simpson.

President Spencer then made a few announcements concerning the dinner meeting and the cocktail hour.

Following a 5-minute recess, President Spencer delivered his retiring address entitled, "Yesterday and Tomorrow".

The meeting adjourned at 5:30 P.M. to reconvene following the social hour and the dinner.

President Spencer called the adjourned meeting to order again at 8:20 P.M. Following the general remarks and the introduction of the guests at the head table, President Spencer turned the affairs of the meeting to the awarding of prizes. The Secretary announced the endowment conditions for the prized to be awarded, and then called each of the recipients to step forward to receive his prize as follows:

<i>Award</i>	<i>Recipient</i>	<i>Paper</i>
Clemens Herschel Award	Harl P. Aldrich, Jr.	"Back Bay Boston, Part 1"
	Klas Cederwall	"Dispersion Phenomena in Coastal Environment"
William P. Morse Scholarship	Michael D. Giggey	
Desmond FitzGerald Scholarship	Joseph Schindler	

President Spencer then introduced the guest speaker of the evening, Dr. Harold L. Edgerton, Institute Professor Emeritus, M.I.T. Dr. Edgerton gave a very interesting illustrated lecture on the subject "Photog-

raphy of the Deep with the Russians". Dr. Edgerton had also set up a stroboscopic light experiment which he invited all present to examine. Following his talk Dr. Edgerton invited the audience to join with him in singing a Russian song.

President Spencer made a few remarks and then turned the gavel over to the newly-elected president, Ernest A. Herzog. President Herzog then presented retiring President Spencer with a certificate of appreciation for services rendered. Following this presentation, President Herzog gaveled the meeting closed.

One-hundred ninety-four (194) members and guests attended the dinner and the meeting following the dinner. The meeting adjourned at 9:30 P.M.

Respectfully submitted,

Paul A. Dunkerley  
Secretary

#### COMPUTER SECTION

April 7, 1971:— Robert D. Logcher, acting chairman, called the meeting to order at 7:30 at Purcell's Restaurant. Twenty people were present for this joint meeting of the BSCE Computer Section and the ASME Computer Division. A brief report on the status of negotiations between the Board of Government of the BSCE and the ASCE on a union of societies was made. The meeting chairman, Charles Shaker, was then introduced.

Mr. Shaker introduced the speaker, Robert A. Freiburghouse, Manager of Language Systems Development for Honeywell's Cambridge Information Systems Laboratory and his topic, PL/1.

Mr. Freiburghouse began by describing the history and objectives of PL/1, aimed to serve both scientific (FORTRAN) and business (COBOL) users and systems programmers, hopefully a universal procedural language. By extensive use of default options, it was aimed at both the novice and advanced programmer. The first compiler emerged in 1966; a version which produces efficient code came in about 1969. PL/1, although aimed at machine independence, is about as machine independent as any other compiler language.

Mr. Freiburghouse described the various characteristics of the language; program structure, data types and structures, storage classes, and default rules. The last, although aimed at easy use, does lead to ambiguity due to unknown defaults. The discussion included relative program efficiency, from the points of view of both the programming time and code efficiency.

After numerous questions, the meeting adjourned at 8:50 P.M.

Respectfully submitted,

Robert D. Logcher  
Clerk