

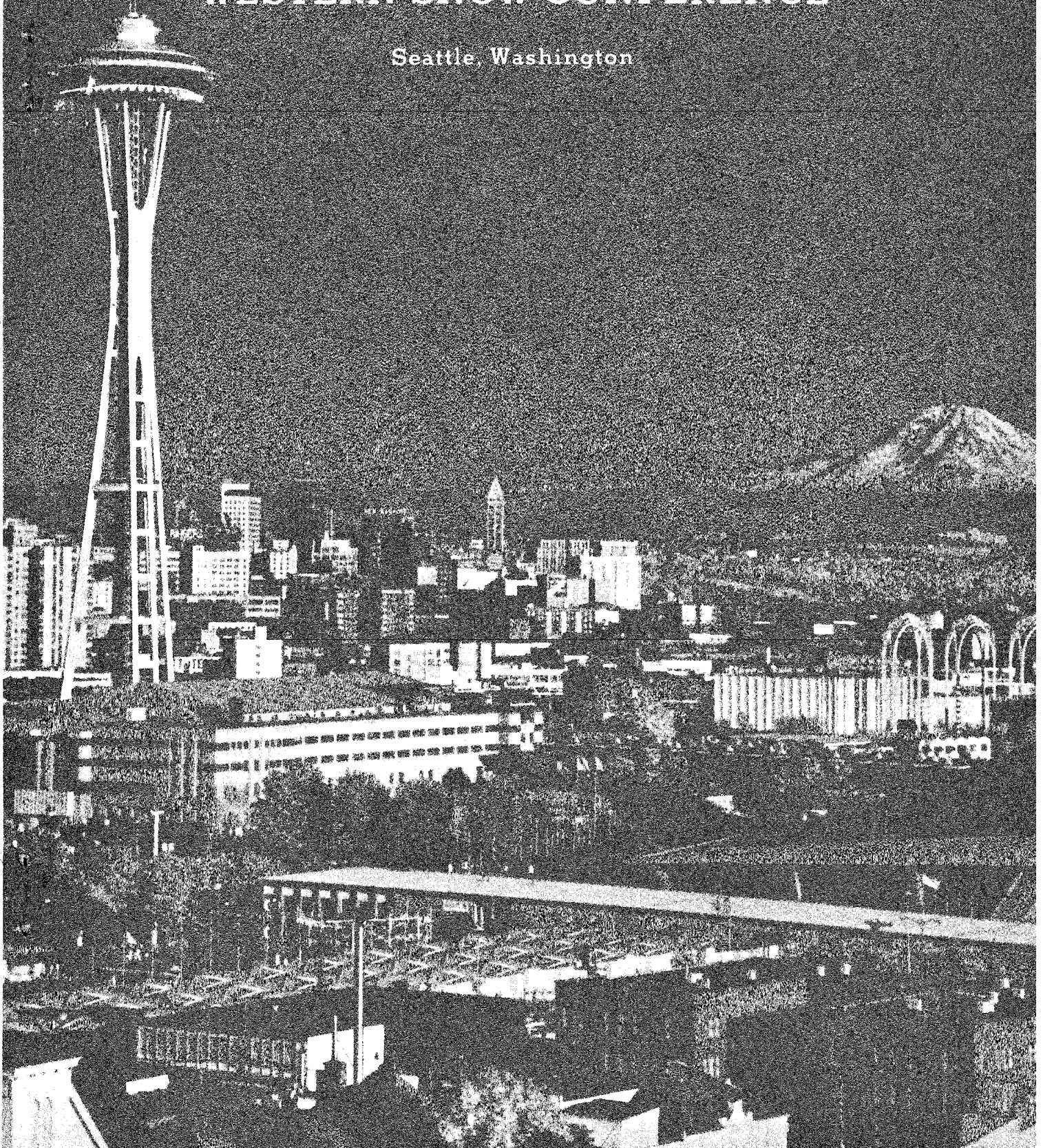
Proceedings 34th Annual Meeting

April 19-21, 1966

DONALD W. GIBLIN
Editor
P.O. Box 1000
Seattle, WA 98101

WESTERN SNOW CONFERENCE

Seattle, Washington



PROCEEDINGS
of the
WESTERN SNOW CONFERENCE

Seattle, Washington

April 19 - 21, 1966

THIRTY-FOURTH ANNUAL MEETING

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Boise, Idaho 83701

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840 Bon Marche Bldg.
Spokane, Washington 99201

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Robert T. Beaumont
Harry Hunter
Don W. Kuehl

Editorial Committee

Homer J. Stockwell, Editor
Western Snow Conference
David M. Rockwood
Jack N. Washichek
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PROCEEDINGS OF THE WESTERN SNOW CONFERENCE

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ATTENDANCE ROSTER

WESTERN SNOW CONFERENCE

Seattle, Washington
April 19-21, 1966

Ambrose, Mr. and Mrs. Lewis K.	Seattle, Washington
Arnesen, Wayne B.	Trail, British Columbia, Canada
Arnold, Keith C.	Ottawa, Ontario, Canada
Avery, Charles C.	Flagstaff, Arizona
Ayers, H. D.	Guelph, Canada
Bachman, Walter W.	Chicago, Illinois
Bacon, Thomas R.	San Bernardino, California
Bailey, Earl G.	Tacoma, Washington
Barton, Manes	Reno, Nevada
Beaumont, Mr. and Mrs. Robert T.	Hyak, Washington
Beaven, Herb	Mtn. View, California
Benker, Rolland H.	Spokane, Washington
Benson, Mr. and Mrs. Raymond K.	Loveland, Colorado
Berndt, H. W.	Wenatchee, Washington
Birchim, James L.	Independence, California
Bissell, Lenard M.	Vancouver, Washington
Blanchard, Francis	Orinda, California
Bombardier, B. B.	Tacoma, Washington
Bowman, Charles	Bozeman, Montana
Cannon, James C.	Walla Walla, Washington
Carpenter, Adelbert	Oakland, California
Cassidy, Mr. and Mrs. Wm. C.	San Bruno, California
Castle, Mr. and Mrs. Glenn	Sacramento, California
Chapman, W. Dunbar Jr.	Phoenix, Arizona
Chin, William Q.	West Vancouver, British Columbia, Canada
Clorey, Barney	Sacramento, California
Coulson, C. H.	Victoria, British Columbia, Canada
Cox, Lloyd M.	Boise, Idaho
Cromley, D. Lee	Portland, Oregon
Cross, L. L. Jr.	Boston, Massachusetts
Cummins, John E.	Tacoma, Washington
Dahl, Bob	Oakdale, California
Dam, Cyrus K.	San Francisco, California
Davidson, K. D.	Climax, Colorado
Davies, Mr. and Mrs. L. B.	North Vancouver, British Columbia, Canada
Davis, Mr. and Mrs. Robert A.	San Francisco, California
Davis, Mr. and Mrs. Robert T.	Spokane, Washington
Dean, Willard W.	Sacramento, California
Deans, Mr. and Mrs. Dennis L.	Vancouver, British Columbia, Canada
Dommes, Charles J.	Los Angeles, California
Dyrland, Richard D.	Ogden, Utah
Eggleston, James E.	Missoula, Montana
Elliott, Robert D.	Santa Barbara, California
Engelmann, Mr. and Mrs. Rudolf	Richland, Washington
Enz, Richard W.	Tempe, Arizona
Estabrookes, Mr. and Mrs. R. N.	Kitimat, British Columbia, Canada
Eversole, Kenneth R.	Albany, Oregon
Farnes, Phillip E.	Bozeman, Montana
Fischer, Robert W.	Denver, Colorado
Fletcher, Joel E.	Logan, Utah
Focher, Vincent W.	Riverside, California
Fowler, William B.	Wenatchee, Washington
Freeman, T. G.	Anchorage, Alaska
Frost, W. T.	Portland, Oregon
Funk, S. C.	Denver, Colorado
George, Tom	Casper, Wyoming
Gerger, Herman	Weston, Ontario, Canada

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 Gudyka, Herbert J.
 Hansen, Mr. and Mrs. Lawrence H.
 Haupt, Mr. and Mrs. Harold
 Hausman, Weston
 Herring, H. G.
 Hoffeditz, Charles N.
 Horn, William L.
 Horton, Mr. and Mrs. Carrol
 Hunter, Mr. and Mrs. H. I.
 Ingerson, Mr. and Mrs. Irvin
 Jacobson, Mr. and Mrs. Cecil B.
 Johannson, D. E.
 Johnson, Mr. and Mrs. Ray E.
 Keeler, Charles M.
 Kohler, William F.
 Kuehl, Don
 Kurtz, Ralph
 Lang, William
 LaRock, Robert G. Jr.
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 Leupold, Mr. and Mrs. Norbert
 Leupold, Norbert Jr.
 Limpert, Mr. and Mrs. Fred
 Lindgren, Richard
 Lockhart, Thomas J.
 McCall, Warren M.
 McDonald, Giles M.
 McDonough, Elven S.
 McGrath, Patrick Jr.
 McKay, Gordon A.
 MacDonald, Norman J.
 Magnuson, M. D.
 Makela, Mr. and Mrs. Don R.
 Matson, Norman A.
 Merriam, E. F.
 Miller, Robert W.
 Milne, Mr. and Mrs. J. A. S.
 Mitchell, Bruce M.
 Monahan, Joe E.
 Moore, Albert M.
 Morris, W. V.
 Nelson, Mr. and Mrs. Morlan W.
 Neuman, Mr. and Mrs. William
 Norseth, Donald C.
 Odell, Mr. and Mrs. J. W.
 Ogle, Leo E.
 Ord, Mr. and Mrs. Melvin J.
 Orem, Hollis M.
 Paulin, George
 Payne, Alan
 Peak, Geo.
 Pearson, Gregory
 Peck, Eugene L.
 Phillips, Earl
 Purcell, Mr. and Mrs. Ralph
 Raetz, Bill
 Rallison, Robert E.
 Raudenbush, Charles
 Raudsepp, Mr. and Mrs. Walter
 Rea, Paul L.
 Reed, Kenneth R.
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 Mtn. View, California
 Seattle, Washington
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 Moscow, Idaho
 Seattle, Washington
 Wenatchee, Washington
 Glacier, Washington
 Sacramento, California
 Fresno, California
 Victoria, British Columbia, Canada
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 Beaverton, Oregon
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 Salt Lake City, Utah
 Portland, Oregon
 Regina, Saskatchewan, Canada
 Seattle, Washington
 Salt Lake City, Utah
 Seattle, Washington
 Bellevue, Washington
 Littleton, Colorado
 Sacramento, California
 Toronto, Ontario, Canada
 Boise, Idaho
 North Bend, Washington
 Portland, Oregon
 Ottawa, Ontario, Canada
 Boise, Idaho
 Sacramento, California
 Bountiful, Utah
 Denver, Colorado
 Puyallup, Washington
 Walla Walla, Washington
 Portland, Oregon
 Riverside, California
 Berkeley, California
 Casper, Wyoming
 Salt Lake City, Utah
 Salt Lake City, Utah
 Seattle, Washington
 West Vancouver, British Columbia, Canada
 Salt Lake City, Utah
 Beaverton, Oregon
 Riverside, California
 Victoria, British Columbia, Canada
 Vancouver, Washington
 Portland, Oregon
 Portland, Oregon

Ross, Richard
Schamach, Mr. and Mrs. Seymour
Schermerhorn, Vail
Seaders, John
Shannon, William G.
Sherwood, Robert L.
Shillinglaw, Mr. and Mrs. Robert
Shumway, Stuart E.
Simons, Mr. and Mrs. Wilbur D.
Smith, Charles M.
Smith, Mr. and Mrs. Geo. H.
Smith, James L.
Smith, Wesley Hugh
Sporns, Ulrich
Stanley, Alan David
Stanton, Chas. R.
Steele, Prof. R. L.
Steepleton, Fern
Stockwell, Homer
Storey, Keith
Storr, D.
Strauss, Mr. and Mrs. Fred
Swedberg, Robert
Tangborn, Wendell
Tarble, Richard
Taylor, Elmer J.
Twerdal, Melvin
Walker, Mr. and Mrs. M. G.
Warner, O. R.
Washichek, Jack N.
Whaley, Bob L.
Wilson, Jack Alden
Wilson, Ted
Wooding, George S.
Work, R. A.
Wright, John B.
Zander, Almer D.

LATE REGISTRATION

Brandt, Ray
Caha, Donald
Finnegan, W. J.
Jordan, Mr. and Mrs. Paul
Paget, Mr. and Mrs. A. F.
Perkins, Richard W.

Pendleton, Oregon
Denver, Colorado
Portland, Oregon
Monmouth, Oregon
Wheaton, Maryland
Ottawa, Ontario, Canada
Seattle, Washington
Olympia, Washington
Tacoma, Washington
Boulder City, Nevada
San Francisco, California
Pleasant Hill, California
Cordova, California
Burnaby, British Columbia, Canada
Wychwood, Quebec, Canada
Calgary, Alberta, Canada
Fort Collins, Colorado
Seattle, Washington
Portland, Oregon
Altadena, California
Calgary, Alberta, Canada
Porterville, California
Denver, Colorado
Tacoma, Washington
Sacramento, California
Salt Lake City, Utah
Portland, Oregon
Olympia, Washington
Salt Lake City, Utah
Fort Collins, Colorado
Portland, Oregon
Boise, Idaho
Phoenix, Arizona
Ashland, Oregon
Ashland, Oregon
Vancouver, British Columbia, Canada
Bellingham, Washington

Boise, Idaho
Tacoma, Washington
Bellevue, Washington
Bozeman, Montana
Victoria, British Columbia, Canada
Richland, Washington

MINUTES OF THE EXECUTIVE COMMITTEE

WESTERN SNOW CONFERENCE

Seattle, Washington

The meeting was called to order by General Chairman M. W. Nelson at noon April 19, 1966 at the Benjamin Franklin Hotel.

Minutes of the 1965 meeting were read. Financial statement was handed out and read to the Executive membership.

Discussion was held on the possibility of one of the instrument companies hosting the Hospitality Hour by General Chairman M. W. Nelson. M. W. Nelson suggested that instead of just one company hosting the Hospitality Hour maybe two or three could get together and be joint hosts. Discussion followed by F. Strauss, M. W. Nelson, J. Washichek, H. Hunter, H. Stockwell, G. Castle, W. Simons, and C. Bowman. It was moved that the Conference sponsor its own Hospitality Hours in 1966. Motion withdrawn. G. Castle moved that it be the policy of the Western Snow Conference to accept such Hospitality Hour host that be offered at the discretion of the Executive Committee. W. Simons seconded. Passed.

J. Washichek moved that Robert Fischer accept the General Chairmanship for next year. Homer Stockwell seconded. Carried unanimously. Robert Fischer accepted.

J. Washichek asked that the Proceedings be circulated to see the Bibliography.

C. C. Bowman moved that the 1967 meeting be in Boise, Idaho. R. Lindgren seconded. Passed.

W. Simons suggested that R. Fischer appoint the Program and Local Arrangement Committee.

Program Committee noted that the Lake Tahoe film will be shown at the banquet. I. Ingerson narrates this film.

F. Strauss reported on the Boardman Committee. He wrote to the University of Nevada and M. Barton. The general consensus was that a Plaque be placed on the wall of the Engineering Library in Reno with appropriate wording; Several thought it was a good idea. Estimated cost \$250.00 for an 11" by 18" Plaque. C. C. Bowman moved that F. Strauss be authorized to do this. H. Hunter seconded. Passed.

W. Simons brought up the suggestion of the selection of the General Chairman. It was the opinion of Ad Hoc Committee that there was no need for further change in the Constitution and By-Laws for the method of selecting the General Chairman. F. Strauss again brought up the reason for his motion at the Colorado Springs meeting. C. C. Bowman moved that W. Simons accept the continuing chairmanship of the committee on constitutional amendments. J. Washichek seconded. Passed. M. W. Nelson passed it to R. Fischer for further action.

J. Washichek talked about the Bibliography. A. R. Codd is still working on it and it is not ready. F. Strauss commended A. R. Codd for this. M. W. Nelson recommended that R. Fischer set up a committee to see about the printing of the Bibliography. M. W. Nelson said that A. R. Codd should receive a monetary remuneration.

J. Washichek asked to be relieved of editorship of the Proceedings and suggested that Homer Stockwell be selected to replace him.

R. Fischer is to select the next Forum editor.

G. Peck wanted to get the Program out months ahead of the meeting.

G. McKay talked about the rotation of meetings.

Harry Oliver and Geo. Lewis passed away.

Meeting adjourned at 1:45 P.M.

Respectfully submitted,

Robert T. Davis
Secretary

MINUTES OF THE BUSINESS MEETING

WESTERN SNOW CONFERENCE

Seattle, Washington

The business meeting was called to order by Chairman M. W. Nelson at 10:15 A.M. April 21, 1966. Minutes of the last meeting were not read because they have been printed in the Proceedings.

Chairman M. W. Nelson read the names of the new Executive Committee members.

The financial statement was read by the Secretary. It was moved by F. Limpert and seconded by E. Peck to accept the financial statement. Passed.

The Church Memorial report was given by I. Ingerson. This was the final report and summarized the dedication ceremony of the Church Memorial. The committee was composed of H. Stafford, Chairman; A. Codd, M. Barton, F. Strauss and I. Ingerson. At the conclusion of the report the committee was awarded an ovation.

Chairman M. W. Nelson announced that the Executive Committee recommended that the 1967 Western Snow Conference meeting be held in Boise, Idaho. Chairman Nelson read the invitation from the Governor. Chairman Nelson then requested a motion on the recommendation. M. Walker moved, B. Lang seconded and the motion was passed.

Chairman M. W. Nelson brought up the subject of an Equipment Committee, to handle all matters regarding the companies that wish to display their products at the Conference and to recommend to the Program Committee all likely papers. Fred Strauss recommended that G. Castle head the committee, choose his own committee members and formulate their policy. Chairman Nelson appointed G. Castle as Chairman and asked that he write out a policy for the Executive Committee to approve. G. Castle commented that he tries to keep up with this subject. He requested that he be given guidance by the Executive Committee and the General Chairman and that his committee be composed of one member of the Executive Committee from each area.

M. Barton reported on last years Church Memorial Award. The recipient was Robert A. Davis Jr. III; his area of interest is in Oceanography. He plans to attend Oregon State University.

M. Barton, Chairman of the Resolutions Committee presented the resolutions, and moved they be adopted. (The complete text of these resolutions follows these minutes.) Number 1, Honourable J. D. Braman; Number 2, H. Maurice Alquist for Governor Dan Evans; Number 3, Program Committee and Local Arrangements Committee; Number 4, Puget Sound Power and Light Co.; Number 5, Ladies Program Committee; Number 6, Mr. Ronald Smallman; Number 7, Boeing Aircraft Company; Number 8, Carpenter Machine Works; Number 9, Seattle City Light Co. J. Frost seconded the motion. Passed.

F. Strauss reported on Boardman Committee. (See Executive meeting minutes for this report.) Chairman M. W. Nelson thanked F. Strauss for this fine report and stated that the Executive Committee recommended the authorization of this expenditure. Chairman Nelson requested a motion on the adoption of F. Strauss's recommendation. M. Walker moved, B. Lang seconded. Passed.

F. Limpert mentioned the passing of K. Sommers, the representative of the Aluminum Company of Canada, Ltd.

A. Paget invited the members of the Western Snow Conference on the tour in the Fall of the Peace River and other large projects being constructed in British Columbia. This is a function of U.S.C.O. Gordon Fenault of the Corps office in Portland is the U. S. representative to contact.

Chairman Nelson then turned the meeting over to the new General Chairman Robert W. Fischer. Mr. Fischer accepted the gavel from Mr. Nelson and tentatively appointed C. C. Bowman as Program Chairman for the 1967 meeting. H. Stockwell has agreed to serve as

editor of the Proceedings for 1966. H. Stockwell requests that the Program Committee of this year assist him in this endeavor. Snow Surveyors' Forum editor J. Hannaford asked to be replaced and no volunteer has come forward to take his place.

W. McCall suggested that something be included on the Program to appeal to the field snow surveyors.

General Chairman Fischer declared the meeting adjourned at 11:05 A.M.

Respectfully submitted,

Robert T. Davis
Secretary