

Monthly Bulletin



The Instrument Society of America SARNIA SECTION

has as its objective the advancement of the arts and sciences associated with the theory, design, and use of measuring and control instruments in the various industries in the Sarnia area.

The immediate benefits derived by the Sarnia members include a monthly meeting at which a qualified speaker discusses an instrument subject, after which members fraternize with other instrument men and interchange ideas and news at a social hour, a subscription to the "I.S.A. JOURNAL", a subscription to the Sarnia Section "BULLETIN", access to all technical data, servicing techniques and standardization policies developed by the National Committees of the ISA and on annual school for mechanics and technicians.

As a member of the National body of the Instrument Society of America, a rapidly growing and influential technical society, the member partakes indirectly in the progress of instrumentation made possible by the work of the various National Committees.

Executive Officers for the 1954-55 season are:

Honorary President

H. R. HOLLAND, Tech. Supt. I. O. L.

President

JACK HEATLEY

Imperial Oil Limited

Vice-President

LARRY HALL

Sun Oil Co. Limited

Secretary

BOB BRAYNE

Cabot Carbon of Canada Limited

Treasurer

RON ASSELSTINE

Canadian Oil Refineries Ltd.

Meetings are held on the fourth Monday of each month from September to May inclusive at 8,00 P.M. The meetings are held at the Sarnia Y.M.-Y.W.C.A. unless otherwise announced.

Anyone earning his livelihood through the manufocture or use of instruments and who is acceptable to the executive body may become a member of the Sarnia Section, I.S.A. Dues are \$12.00 per annum. Associate Members are those who are associated with instruments but who do not earn their livelihood directly from them, such as stationary engineers, process operators, etc. Their dues are \$7.50 per annum.

Correspondence relating to the general activities of the Sarnia Section should be addressed to the Secretary, Mr. \mathbb{R} . F. Brayne, R. R. No. 1, Mooretown, Ontario. Dues should be made payable to the Sarnia Section, Instrument Society of America and sent to the Treasurer, Mr. R. Asselstine, 891 Burr Street, Sarnia, Ontario.

Correspondence concerning programs should be sent to the Program Chairman. Mr. H. Kohlmeier, 352 Stuart Street, Sarnia, Ontario.

Copy for "THE BULLETIN" should be sent to the Managing Editor, Mr. L. J. Hall, 730 Talfourd Street, Sarnia, Ontario.

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Imperial Oil Limited Joe Woodcock
Polymer Corporation Tony Plazek
Canadian Oil Refineries Fred Croft
Dow Chemical Company Jack Almey
Sun Oil Co. Limited Jack Warwick

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Larry Holl

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Photo - Courtesy of Imperial Oil Limited

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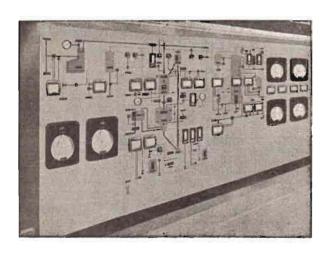
M/53 Consotrol Recording Station



M/58 Consotrol
Controller



M/59 Consotrol Valve Mounted Controller





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The "BULLETIN"

VOLUME 4 No. 1

SEPTEMBER 1954

Managing Editor: Larry Hall

Illustrator: N. Knowles "Written on a Roll Chart": H. Hobbs

Polymer Reporter: Tony Plazek

I.O.L. Reporter: Joe Woodcock

Canadian Oil Reporter: Fred Croft

Dow Reporter: John Almey

THE NEW "BULLETIN"

The 1954-55 "Bulletin" is new and improved as you will see. The first thing you will probably notice is the increased size — from 16 to 20 The second is the attractpages. iveness of the advertising. of our advertisers this year have changed their ads. turning to more illustrations and wording their messages with an appeal which is hard to resist. We are indebted to these advertisers for the existence of our monthly publication and we trust that their messages will be read with the interest that they deserve. When buying new instruments we urge all our readers to give first consideration to the products of these advertisers so that they will know that we appreciate their support and will continue their support in the future

A change in layout is made to put the notice of our monthly meeting in the middle so that it will be easier to find and easier to display on the various bulletin boards. We are continuing, of course, with our very popular cartoons "by Knobby" and the satirical sketches of that master of poem and prose, Howard Hobbs. Company news will be displayed under the different headings of the companies in the Sarnia area and news will be contributed by your company representative. If

you think he is not sending in enough news about your company remind him and contribute yourself. It is not necessary to type or even write it down on paper. Just see your reporter and mention the news you have heard and which he may have overlooked or not knows about, and he will pass it along to the managing editor for publication.

We all want this publication to be a success partly because of the prestige it brings to our section amonast all other I.S.A. sections, partly because of the promotion of instrumentation in general among all our readers, and partly because it saves mailing out numerous separate notices of meetings, special events and reading of lengthy minutes and correspondence at meetings. The cost is great compared to the remainder of our budget. This year's Bulletin will cost about \$780 compared to a total of \$1200, but not a cent has to be paid by a member. Our advertising makes it self-supporting and all labour is free including some expense incurred by its staff and which is not charged. These voluntary unpaid really make the Bulletin possible and your support and encouragement is needed if we are to continue the Bulletin in future.

THE I.S.A. CONVENTION

Sarnia will be well represented at this years Convention and Exhibit in Philadelphia. Among those who have announced their intention of going are the following: From Imperial Oil Limited, our National Delegate, BILL GRAEB, our alternate representative, and president of the Sarnia Section, JOHN P. HEATLEY, and BERT ELLIOTT.

From Polymer, CHARLIE MacKEN-ZIE, HAROLD KOHLMEIER, RON CHAMBERLAIN and JOHNNY CONNORS. From Dow Chemical, HAD COLE, from Canadian Oil, JACK MacLEAN, from Cabot Carbon, BOB BRAYNE and from Sun Oil, RED HAWKES. Others may decide to go at the last minute.

EXECUTIVE MEETING NOTES

The Sarnia Section Executive Council met for the second meeting of the season on September 8 at the home of the president, Jack Heatley on Kathleen Avenue. Present were Warren McKay. Past presi-Jack Heatley, President: Larry Hall, Vice-president and Editor of the "Bulletin"; Bob Brayne, Secretary; Ron Asselstine, Treasuser: Tony Plazek, Polymer representutive; and John Almey, Dow Chemical representative. Absent were Joe Woodcock, I.O.L. representative; Jack Warwick, Sun Oil representative; Fred Croft, Canadian Oil representative; and Harold Kohlmeier, Program Chairman. It is understood that all those absent were either on vacation or working. Besides routine matters, the main ascussion was about the dissension which has seriously threatened the orderly progress of the Instrument Society of America. The National Executive Council has made some drastic changes in staff with a resultant upheaval in organization and increased expense without waiting to consult wth the ruling body, the section delegates at the Annual National Executive Meet-The Society Manager, Mr. Percy V. Jones, Jr., and his executive assistant, have both resigned their positions and a new post of

"executive director" has been created at a salary of \$20,000 yearabout double the salary of the former manager; — all this without discussion or permission from the The Sarnia Section ruling body. Executive agrees with the Pittsburgh and other sections that this is unconstitutional and intends to take the necessary action to ensure that these illegal actions are rescinded and that constitutional rule be restored. Failing this, a resolution will be made that the Sarnia Section withdraw its charter from the Instrument Society of America. A motion was made to guide our delegate at the National Executive meeting with the following three points emphasized:

- That the status quo in organization of the National Council and executive office be maintained until and unless changes are approved by all sections by democratic vote.
- That no expansion in organization or increase in National Office expense that would necessitate an increase in dues to members be made.
- That an increase in the rebate to sections of \$7.00 per member instead of \$5.00 per member be made.

A thorough discussion on dues was undertaken. It was brought out that the Sarnia Section, which is made up 70% of mechanics, has lost about 30% of its members since the increase in dues two years ago and the loss is steadily continuina. When the Sarnia Instrument Society was organized, dues were set at \$2.00 per member and this amount was maintained until we became a part of the Instrument Society of America when the dues increased fivefold to \$10.00 per member and later to \$12.00. It is recognized that general costs have increased since that time, but it is still felt that we should be able to run our section on \$5.00 per member---(and we "do"). do not feel that the National body should require \$7.00 per member (or even \$5.00 if the subscription to the Journal is included). We feel that if we could reduce our dues to an even \$5.00 per annum, we could double our membership.

The I.S.A. Journal should be made self-sustaining or dropped. Our own magazine on a much smaller scale is free not only to members but to anyone who requests to be put on the mailing list. Costs at National Office should be reduced to appoint where \$1.00 or perhaps \$2.00 per member from the sections would cover the expense. If this seems an unreasonable request, consider other societies, especially the professional societies who have smaller dues than us. Probably one of the biggest expenses of the National Office and the item which has caused most trouble is that of membership. At present, in the United States, all dues are sent to the National Office by individual members, the dues are processed by expensive and complicated machinery and a number of clerks and stenographers and a part of the sum returned to the Section. In Canada, the four Sections involved have an unpaid Treasurer who collects the dues from the members and forwards the National Office share to National Office He does all the necessary month. bookkeeping and the National Office merely acknowledge the assessment as they receive it. cannot all Sections do the same and save the passing back and forth of money and eliminate the costly bookkeeping (and incidentally the delays) made necessary by the present system?

The local Sections should have more autonomy — should be allowed to handle everything except the collection and dissemination of information and the organization of the National Exhibit and Convention. This should materially reduce the personnel and machinery and space required at National Office and thus reduce to a reasonable sum the amount of money required from the local Sections to continue to manage the Society without sacrificing any of the necessary services which are required to promote the interests of the members and the Society as a whole.

Failing this, it would seem necessary for the Sarnia Section to give serious consideration to withdrawing its charter from The Instrument Society of America and perhaps take steps to organizing a similar organization in Canada.

COMPANY BRIEFS

ED. READ, Can. Oil, has been off work for about two months with a broken vertebra. ROY HUNTER, Polymer, had similar bad luck when he broke his ankle getting out of his boat. LLOYD LENEVE, I.O.L. will be attending the Taylor and L. & N. Schools. Dick LANGLER, of

Polymer, will be going to the Bailey School, LOGAN MacKENZIE, I. O. L. has gone to Columbia, S.A. to help rebuild the refinery damaged by fire there. AB ELLIS, I.O.L. has retired and was entertained by fellow instrument department employees there recently.

THE SEPTEMBER MEETING

Electronics will set the pace for the September meeting which will be held at the "Y" on WEDNESDAY, September 29, at 8.00 p.m. Please note the change from the usual Monday.

Evershed & Vignoles Electronic Controls will be represented by three men. The main speaker will be Mr. S. W. J. Wallis, Chief Instrument Engineer of Anglo-Iranian Oil Company Limited. A summary of his discussion is listed below. He will be accompanied by Mr. M. W. Marchmant, the designer of this new type of "package" electronic equipment, who will answer any question on his particular equipment as well as general electronic problems. The question and answer period is expected to be the larger part of the discussion, so it is hoped that everyone comes prepared with an electronic control problem. The Canadian representative of this outstanding English electronic instrument will also be present. He is Mr. H. C. Dawson from Toronto.

This will be an outstanding meeting. While it is expected that a large delegation from Polymer Corporation will be present because they have installed this type of

equipment in the new reactor section of the Butyl Unit, it is also expected that a large turnout from other companies will be there to hear an outstanding authority on one of the most modern types of electronic control equipment.

Mr. Wallis' discussion will revolve about the following thoughts:

The tremendous range of instruments now available for control applications and more complicated processes pose new problems for the instrument engineer. How far and how fast should we take advanage of these new developments.

The need for simplicity and rationalization of control panels.

Is recording becoming a fetish?

The importance of instrument service factors in master control and interlocked control systems.

Why not expendable components?

Trends to data reduction.

Experience with electronic Control systems.

Make your plans now to attend this meeting on September 29th, and bring a friend who may be interested.

MEETING NOTICE

DATE:

Wednesday, September 29th, 1954.

(Please note the change for this meeting only

from the fourth Monday of the month.)

PLACE:

Sarnia YM-YWCA

TIME

8.00 P.M.

SPEAKER: MR. S. W. J. WALLIS,

Chief Instrument Engineer,

Anglo-Iranian Oil Company Limited,

England.

SUBJECT:

TAKING STOCK

Mr. Wallis will discuss the trend toward the use of all electronic automatic controls in refineries.

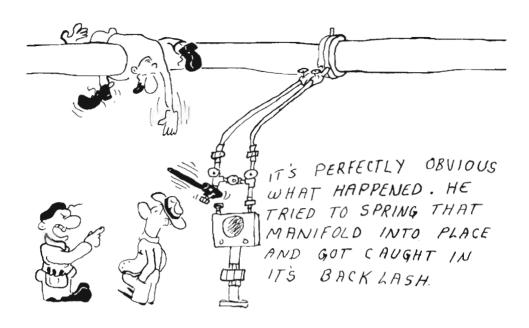
REFRESHMENTS

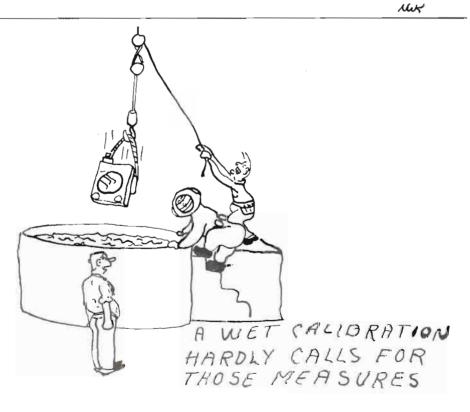
WRITTEN ON A ROLL CHART

Behold! Against the western sky. Revealed in slender symmetry Our tallest structure which doth soar For twice one hundred feet, and more. A monument, you must agree, To someone's ingenuity. To someone's careful, well thought plan. The brain-child of a clever man. This man discovered, after endless pains, A way to circulate carbon grains. A way to blow them up to the top So they could start the long, slow, drop. Down through many a tube and tray. The carbon winds its tortuous way. Soaking up with endless greed, The copious hydrocarbon feed.— Taking it in at a generous rate And forcing it to fractionate. Every grain does its little part. By clasping hydrocarbons to its heart. And casting off in a heartless way As each one passes its proper tray. And lower still it is steamed and fried In readiness for the upward ride Yes, up with the speed of a hurricane Ready to drop through the mill again .. — A pleasure to watch this tower perform, Through dawn and sunset, night and morn' A pleasure more, when I recall The sad events of the previous fall. When thirty fathoms above the ground An ever-lengthening crack was found. Not just paint, and not just skin, The darn thing went the whole way in. Alas, 'tis far too late to say "If we ignore it, it may go away". Down go crackers, down goes blower Quickly let us purge the tower! Stand back all ye process men This is far beyond your ken. Belay! Ye local maintenance crew This is much too much for you. Experts are our need today Preferably from far away. See them crowding on the tower Several new ones every hour. They cluster at that dizzy height From early morn to late at night

Experts of each size and form Some of them a bit abnorm. Time to thin this crowded scene Fall out! Who favour plasticene. Farewell! Who favour window putty. Your method verges on the nutty. And in spite of all **you** know. Dr. Kinsey, you must go.— Advance ye welders in your ranks With regiments of well-filled tanks. Advance ye men of instruments Well-arm yourselves and fold your tents. And scale once more that lofty height We must have temperatures to-night. Many days did this go on, Night and morning, dark and dawn. Ottimes cries of anguish rose.— "The more we weld, the more it grows". But finally, the crack did close White many a thankful anthem rose. And now, O experts, ere you leave We must proceed to stress—relieve. And this will add to all our troubles With thrice the number of thermo-coubles So on! Ye meter-men, scale that wall, Carefully do so, lest ye fall. If tall you must, I'll take it with a grin If you just keep working till the couples are in. Now fire the furnace down below Yes, drive it to a yellow glow And let the blowers send up heat Until the tower is red as a beet. Yes make the tower as red as a rose. A baby's stern; a drunkard's nose. In comfy fiberglas arrayed At seven hundred centiarade. With a tarred felt cover, I should explain, To shelter it all from the wind and rain. O Woe! A terrifying sight! The tarred felt cover is well alight. Consuming plank, destroying scaffold, To put it out we are nearly baffled! It sure stopped burning about the dawn Mostly 'cause the paper was gone. O joyful news! No ill effects. Remaining experts draw in your necks. Pack your bags, and on your way. We'll whistle if we need you another day. Only one moral to this whole caper,— "Don't wrap a hot stove in tar paper".

—H. Hobbs

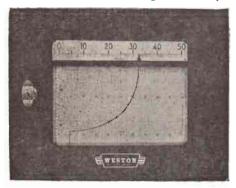




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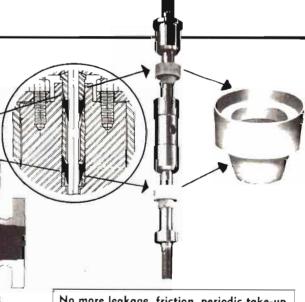
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